Indexes

MONTHLY CATALOG JANUARY-DECEMBER 1974

SUBJECT INDEX

A

Abaca:
disposal from national stockpile–hearings, 09818
Abbreviations:
Cambodian and Lao press, reference aid,09389
contractions used by FAA, air traffic control, etc., 00728
Federal aviation regulations, 01942
reference aid, abbreviations, acronyms and special terms in Turkish press, 10995
Romanian press, reference aid, 09392
ABFL, *see* Auke Bay Fisheries Laboratory.
Ability:
human resource development, USDA data inventory, 07340
human resources and personnel cost data in system design tradeoffs, 07148
human resources sensitivity to system design tradeoff alternatives, feasibility test with jet engine data, 09667
long term effects of drug use on mental ability, 08886
lower mental ability airmen, feasibility of using special measures in classification and assignment, 08883
see also Aptitude tests.
Ablators:
critical defects in ablative heat shield systems for space shuttle, study, 08024
damping contribution of elastomeric ablator on aluminum beams, 10215
Abortion:
reform of Federal criminal laws–hearings, 07547
Abrasives:
abrasive materials, mineral industry surveys, 10177, 11593
Federal item identification guide, 07598, 09250
Absenteeism:
acute conditions, incidence and associated disability, 08109
Absorbents:
oil recovery system using sorbent material, 07763
Absorption:
absorption of SO2 by alkaline solutions in venturi scrubber systems, 01159
determination of optical absorption coefficient of powered materials whose particle size and distribution and refractive indices are not known, 04826
Absorption coefficients:
nu-averaged infrared absorption coefficients of water vapor, 01480
Academy of Medical Sciences, USSR:
vestnik (periodical), 02733
Academy of Sciences, Georgian SSR:
achievements, 07921
Academy of Sciences, USSR:
general meeting, USSR study, 08652
Interdepartmental Geophysical Committee staff, 10992
president recounts 1973 achievements, 07912
vestnik (periodical) 2734
Acanthaster planci, *see* Starfishes.
Acaricides:
EPA compendium of registered pesticides, acaricides, etc., 00606, 01920, 10371
Acceleration:
acceleration and passing ability, comparison of acceleration and passing ability for 1974 passenger cars and motorcycles, 08117
alcohol effects on eye movements and tracking performance during laboratory angular accelerations about yaw and pitch axes, 00047
effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
Accelerators:
accelerator radiation protection, 04845
creation of linear electron accelerators in Moscow Physical Engineering Institute, 05530
nanosecond electron accelerator, USSR study, 03526
radiation installations, research in nuclear and elementary particles physics at Tomsk Polytechnical Institute, 05534
Access:
Santa Barbara regional pilot process, 10335
See Availability.
Accessions index, lists, etc., *see* Library accessions.
Accessories (dress), *see* Clothing.
Accidents:
approach and landing accident prevention forum, special study report, 08806
death, injuries, and economic losses resulting from accidental burning of products, fabrics, or related materials, studies, 10961
Emergency medical services systems act–law, 04009
report, 03059, 03063, 03156
emergency medical services, crash injury management for traffic law enforcement officers, 01448-9, 06943
nuclear weapons accident hazards, precautions, and emergency procedures, guidance and information, 04897
on financial protection for Federal employees, 08322
safety recommendations, 02567
young children in the home, 06104
see also Aircraft accidents–Disasters–Mine accidents–Motor vehicle accidents–Railroad accidents.

Accountants:
minding millions, accountants in today's Federal Government, 04953
Accounting, *see* Accounts and accounting.
Accounting machines:
handbook for Federal credit unions, 05658
Accounts and accounting:
accounting and financial manual, DSA, 00255
accounting periods and methods, tax information, 05480
accounting principles and standards for Federal credit unions, statement, 08767
accounting series releases, SEC, 01602
air carriers, certificated, uniform system, 02711
air carriers, certificated, 07306
basic estimated capital investment and operating costs for underground bituminous coal mines, 05579
Budget and accounting act, amend–
law, 11350
report, 05036
code of Federal regulations, 07804
construction cost engineering and computation state of the art, 07681
farm sector social accounts with projections to 1980, simulation model, 03876
flow of funds accounts, 1945-72, annual total flows & year-end assets and liabilities, 01221
flow of funds accounts, 1973, financial assets and liabilities outstanding, 10917
GAO review (periodocal), 02058
General Accounting Office policy and procedures manual for guidance of Federal agencies, 02060
minimum statistical and accounting system for community mental health centers, 08132
noise source abatement technology and cost analysis including retrofitting, 04379
uniform system of accounts–
motor carriers of property, 04539
prescribed for natural gas companies, 02712
prescribed for public utilities and licenses, 02713
radiotelegraph carriers, FCC rules and regulations, 01963
telephone companies, uniform system of accounts, FCC rules and regulations, 01962
wire-telegraph and ocean-cable carriers, FCC rules and regulations, 01963
ways for Department of Defense to reduce its administrative costs of awarding negotiated contracts, GAO report, 05414
Accumulators:
thermionic performance of variable-gap cesium diminiode, 11098
ACDA, *see* Control and Disarmament Agency.
Acetylcholine:
increased partial pressure of oxygen on acetylcholine system, effects, USSR study, 05535
Acid mine drainage, *see* Mine drainage.
Acids:
CO effect on acid-base balance in air saturation dives, 03556
inorganic fertilizer materials and related acids–current industrial reports, 04919
Acorns:
germination analyses of excised embryo cylinders and whole acorns of water oak, 00404
Acoustic projectors, *see* Sound projectors.
Acoustics, *see* Noise-Noise suppressors-Sound.
Acreage allotments, *see* Agricultural products.
Acronyms:
reference aid, abbreviations, acronyms and special terms in Turkish press, 10995
Acrylonitrile:
plastic resin in pellet and powder form from Japan, Tariff Commission report, 07067
Act of Congress, *see* Law.
Actinides:
elements, thermochemistry of compounds, 08299
Action:
Action pamphlets, 00710
annual report, 07096
appropriations, 1974–
hearings, 05113
law, 06160, 06194
report, 00992, 05035, 06322, 09756, 19141, 09758
supplemental, hearings, 06367
Assistant Director for Policy and Program Development, nomination of Harry J. Hogan–
hearings, 07562
Associate Director for Domestic and Anti-Poverty Operations, nomination of Marjorie W. Lynch–
hearings, 07562
Director, nomination of Michael P. Balzano–
hearing, 04241
field, staff, Foreign Service list, 02046
foreign assistance appropriations, 1974–
hearings, 04084
interACTION, 02162
operation of all domestic volunteer programs, authorize–
law, 02938
operation of existing programs and establishment of new ones–
hearings, 04093
transition, magazine for Action volunteers, 02660
volunteer records, bi-annual statistical summaries, 05910
Actions at law:
class action study, 09912
see also Civil procedures.
Activated sludge, *see* Sludge.
Acts of Congress, *see* Law.
Actuators:
army helicopter hydraulic servocylinder reliability and maintainability investigation, 00039
control laws and actuator locations for control systems applicable to deformable astronomical telescope mirrors, 05614
electro-mechanical, Federal item identification guide, 06432
propeller design procedures and data, 07180
Acupuncture:
research conference, proceedings NIH, 04664
Adams, Samuel:
eight-cent postal card and 16-cent reply-paid card (poster), 03816
Adaptability (psychology):
factors in adaptability to military service among 1965 airman accessions, 04802
Adapters:
adapter, hoisting, aircraft jacking point, aircraft mooring, aircraft towing, and aircraft floor tie down, Federal item identification guide, 09971

Adaption (biology):
space biology, resistance of biological systems problems, 03622
ADDEDIT, *see* Geography.
Addicts, *see* Narcotic addicts.
Additives:
fuel additives, development of analytic techniques to measure human exposure, 10827
interaction of some extreme-pressure additive type lubricating compounds with iron surface, 08067
motor gasoline lead additive regulations, impact on petroleum refineries and energy resources, 08548
Addresses (mail matter), *see* Mail matter.
Addresses, lectures, etc.:
B.Y. Morrison memorial lecture, 05924
by–
Ancker-Johnson, Betsy, 00085, 02892, 02895-6, 07327, 07335-6, 08326-7, 08967
Ash, Roy L., 03547
Bentley, Helen D., 01204, 11507, 01203, 06616, 06618
Blackwell, Robert J., 03552, 06815
Blunt, William W., jr., 05277
Bomar, Thomas R., 03341
Brennan, Peter J., 01351, 03536, 04563
Brimmer, Andrew F., 03364, 03366, 10047
Brunthaver, Carroll G., 03847, 05935, 05958
Bucher, Jeffrey M., 03371
Burch, Dean, 01197, 05348-9
Burns, Arthur F., 01223
Butz, Earl L., 00015, 03844-6, 03851, 03858, 03875, 03877, 05934, 05939, 05952, 07123, 11297
Campbell, J. Phil, 00719, 00723
Casey, Howard F., 04575
Clayton Yeutter, 07132
Crothers, Robert K., 10063
Dann, C. Marshall, 10369, 11714-5
Dent, Frederick B., 00805, 03972-8, 04964-8, 06120-1, 06126, 07320, 07328, 07330, 08325, 08963
DeWitt Stetten, jr., James A. Shannon, Philip Handler, Joshua Lederberg, Lewis Thomas, and Norman G. Anderson, 08779
Dubos, Rene J., 05924
Engman, Lewis A., 08578-9, 10051-3, 10055, 11529
Ferrel, David W., 04969
Fri, Robert W., 06538, 07725, 07732, 10850, 10852
Gillilland, Whitney, 09714
Greenfield, Stanley M., 00352
Hearn, George H., 01205, 06617, 08566, 10908-10, 11506
Hersman, M. Frank, 10348
Herwig, Lloyd O., 10349
Holland, Robert C., 01224, 03367, 03370
John Ottina, 07658
Jones, Sidney L., 08328
Katz, Julius L., 11776
Kissinger, Henry A., 03759, 03770, 07050, 11772, 11777
Klassen, E. T., 03814, 09648
Ligon, Duke R., 10899
Long, Robert W.,, 10495
Lynch, Norris A., 00290
Malmgren, Harald B., 05806
Marland, S. P., jr., 09979
Meyer, Morton A., 07260, 10545
Miller, Edward B., 03664, 10305
Miller, Michael, 11802-3
Mitchell, George W., 03368-9
Morton, Rogers C. B., 03441, 01314-5
Newsom, David N., 11773
Ottina, John R., 07661, 07665, 07669, 11456
Owens, James M., 10802
Paarlberg, Don, 03848
Perry, Grady, jr., 06611
President Nixon, 10046
Reed, John H., 08805, 10352
Roberts, Richard W., 01417
Sansom, Robert L., 01184, 07774
Saunders, Charles B., jr., 09347-8, 11457
Sawhill, John C., 07789, 07795-7, 07800, 09297, 10025, 10900-1
Schertz, Lyle P., 07656
Serra, Jaime D.,, 10062
Sheehan, John E., 03360, 06631
Shultz, George P., 05882, 05886
Simon, William E., 05356, 07791-4, 07798-9, 09296-7, 10026-7, 10898
Stender, John H., 08181
Stephen A. Wakefield, 07790
Tabor, John K., 00080, 00804, 03971, 03979, 06127-8, 07322, 07334, 07337, 08329, 08965-6
Timm, Robert D., 00793, 03961, 04946, 10548
Trent, Darrell M., 02893, 10557
Wakefield, Stephen A., 03439-40
Washburn, C. Langhorne, 00811, 04763-4, 10484
Yeutter, Clayton, 10499
FMC SP series, 01203-4, 06617-8, 08566, 10908-10, 11506-7
inaugural addresses from President George Washington to President Richard M. Nixon, 09742
inaugural addresses from President George Washington to President Richard M. Nixon, authorize printing, report, 04044
MA SP series, 03552, 04575, 06815
Aden, *see* Yemen.
Adenosine triphosphate:
possible indicator of extraterrestrial biology, 11147
Adhesion:
adhesion of ice frozen from dilute electrolyte solutions, 09981
Adhesives:
structural glued laminated timber, 06925
Adjutant General's Corps:
assignment...AG, 04830
Adler Construction Co.:
relief, 00831
Adler, Harold C.:
relief, 00831
Adler, Vera L.:
relief, 00831
ADMATCH system, *see* Computers programs/programming.
Administration, *see* Administrative management.
Administrative agencies, *see* Government offices.
Administrative Conference of United States:
annual report, 03829
appropriations, 1974–
law, 04987
report, 00910
appropriations, 1975–
hearings, 10685
Administrative management:
administration of training, 06115
administration, weekly Government abstracts, 02759

Administrative management–Con.
administrative and general career fields, task difficulty and task aptitude benchmark scales, 05969
administrative control of community planning and development program funds, HUD, 07881
administrative expenses of welfare and pension plans, 09437
agency work contexts study, 08837-41
algal assay procedure, bottle test, 07723
armed services vocational aptitude battery scores from answer sheet and answer card administration, comparability study, 09674
basic management methods and skills–
instructor guide, 04949
participant printout, 10551
career area rotation model, Air Force user's manual, 05973
civilian manpower management, 02195
code of Federal regulations, 09306
considerations in identification of managerial potential, 08959
consumer protection would be increased by improving administration of intrastate meat plant inspection programs, GAO report, 06677
DEA personnel management series, 07643-4
DSA civilian personnel management, statistical indicators report, 11443
employee incentives, HUD, 07882
executive manpower management technical assistance paper EMMTAP series, 08959
Federal constitutional convention procedures act–
report, 03141
fully proceduralized job performance, 09671-3
grants administration–
Dept. staff manual, 02070
manual, 02071
manual circular, 02072
guidelines for staff development for State rehabilitation agencies, 00622
how to start energy management program, 04970
human resources and personnel cost data in system design trade offs, 07148
management literature survey, continuing bibliography, 01400
manpower, improved management in Federal Government–
report, 08363
military administrative law handbook, Army pamphlet, 06000
military claims in Europe, administration, 09842
National emergency readiness of Federal personnel managment, manual, 01991
National Guard Bureau, administrative instructions, 10282
operations research in forestry, bibliography, 07826
personnel bibliography series, 06114-5, 07312-4
personnel literature, 02429
personnel management series, 07315
personnel methods series, 00076
perspectives in defense management, 02430
private express statutes and their administration, U.S. Postal Service, 07090
procedures for handling impeachment inquiry material, committee print, print additional copies–
report, 10667
procedural instructions for Federal reserve banks relating to deposits of food coupon receipts, 07087
progress of executive branch action on recommendations of Commission of Government Procurement, GAO report, 00423
public management sources, 02510
representatives of administrator, FAA administrative regulations, 10019
revolutionary activities directed toward administration of penal or correctional systems–
hearings, 04114-5, 08403
sample survey procedural guide, 08289, 09681
tips, Army personnel magazine, 02651
utility staffing and training for nuclear power, 04893
vocational education, staff development priorities for the 70's, 04597-8
Administrative procedures:
administrative and legislative directives to Bureau of Outdoor Recreation, 11212
Administrative reports:
Naval Weapons Laboratory, Dahlgren, Va., 07008
Administrators:
estates, Federal tax guide for survivors, executors and administrators, 03446
institutionalized adults with financial administrators, 10410
manpower planning data, selected professional and administrative career fields, 05900
pay, national survey, 06807
professional, administrative, technical, and clerical pay, national survey, 04567
representatives, Federal aviation regulations, 01943, 10019
Admittance (electricity), *see* Impedance.
Adolescents, *see* Youth.
Adoption:
alien child adopted by unmarried citizen, grant same immigrant status as one adopted by citizen and his spouse–
report, 02989
improve system in District of Columbia–
law, 06195
subsidy payments for adoption of children in District of Columbia, authorize–
hearings, 07486
ADP, *see* Electronic data processing systems.
Adrenal cortical extract:
increased partial pressure of oxygen on sympatho-adrenal system, effects, USSR study, 05535
Adsorbents:
interactions of stack gas sulfur and nitrogen oxides on dry sorbents, 00334
Adsorption:
low flow rate carbon adsorption method, model LF-2, organics sampler for water, specifications, 07817
low-flow-rate carbon adsorption, field equipment and methods for organics sampling of surface water, 10386
measurements of mercury sorption by algae, 09575
Adult education, *see* Education.
Adults:
felony defendants, prosecution in Los Angeles County, policy perspective, 08679
institutionalized with financial administrators, 10410

Adults–Con.
Social security survey of institutionalized adults, report–
youth, transition to adulthood, report of Panel on Youth, 04729
Advertising:
effectiveness of Air Force advertising, 07153
Federal Trade Commission's application of antitrust laws to big business exploitation of energy crisis in misleading advertising (address), 08578, 10051
regulating children's television advertising (address), 11529
Advisory Board on Child Abuse and Neglect:
appoint, 09229
Advisory Commission on Intergovernmental Relations:
appropriations, 1974–
law, 04987
report, 00910, 03035, 09139
appropriations, 1975–
hearings, 10685
financing schools and property tax relief, state responsibility, 00001
include within definition of advisory committee of Federal advisory committee act–
report, 06302
Advisory Committee on Central Market System:
report to Securities and Exchange Commission, 09605
Advisory Committee on Cemeteries and Memorials:
appoint–
law, 00091
Advisory Committee on Federal Pay:
appropriations, 1974,
report, 00910, 09139
appropriations, 1975–
hearings, 10685
Advisory committees:
Environmental Protection Agency public advisory committees, authority, structure, functions, etc., 01158
Federal advisory committee act, amend–
hearings, 06302
Federal advisory committees, report of President to Congress, index, 07509
Advisory Council on Environmental Education:
annual report, 04348
Advisory Council on Historic Preservation:
general information, 05913
report to President and Congress of United States, 05914
Advisory Council on Intergovernmental Personnel Policy:
more effective public service, 1st report to President, 09936
Advisory Council on Social Security:
reports on old-age, survivors, and disability insurance and medicare programs, 04772
AEC, *see* Atomic Energy Commission.
Aeration:
coliform bacteria growth and control in aerated stabilization basins, 07757
hypolimnion aeration with commercial oxygen, bubble plume gas transfer, 09996
U-tube aeration, 06567
Aerial photogrammetry, *see* Photogrammetry.
Aerial photography:
aerial detection of spill sources, 06575
aerial remote sensing in coastal engineering, annotated bibliography, 07672
aerial spill prevention surveillance during suboptimum weather, 10831
airborne resistivity survey near Fairbanks, Alaska, 10810
determination of ocean surface descriptors using sea photo analysis techniques, 01500
geodesy and aerial photography, USSR study, 11015
height variation along sea ice pressure ridges and probability of finding holes for vehicle crossings using aerial photography, 05304
remote sensors application to Army facility management, 07717
television cloud photography, meteorological satellite data, catalog, 01146, 00323, 03319, 07719-21
use of small-scale photography in land use classification, 08734
Aerial radiological measuring system:
Dresden Nuclear Power Station–
survey of surrounding area, Morris Ill., Sept. 1968, 09694
Lake Ontario Ordnance Works and vicinity, 00747
measuring survey of area surrounding–
Big Rock Point Nuclear Plant, 06024
Enrico Fermi Atomic Power Plant, 06027
Fort Calhoun Station, 06032
La Crosse Boiling Water Reactor, 06025
Monticello Nuclear Generating Plant, 06026
Palisades Plant, 06028
Point Beach Nuclear Plant, 06029
Robert Emmett Ginna Nuclear Power Plant, 06030
Vermont Yankee Generating Station and Yankee Nuclear Power Station, 06031
Aerial surveys:
ground resistivity survey in area of Tennessee-Tombigbee Waterway, 01105
See Aerial photography.
Aerodynamic heating:
Viking aeroshell model, effects projections and cavities on aerodynamic heating, 10219
Aerodynamics:
aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07743-4
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
airfoils, USSR study, 08668
calculation of longitudinal aerodynamic characteristics of STOL aircraft with externally-blown jet-augmented flaps, 08031
cold-air annular-cascade investigation of aerodynamic performance of cooled turbine vanes, 08747
design and installations, propeller, 07179
hypersonic aerodynamic characteristics of all-body research aircraft configuration, 05620
hypersonic aerodynamic characteristics of family of power-law wing-body configurations, 06881
inlet flow distortion noise from subsonic fan, combined quadrupole-dipole model, 10258
lateral static and dynamic aerodynamic parameters of Kestrel aircraft (XV-6A) extracted from flight data, 10238
longitudinal coefficients for F-8 aircraft with supercritical wing, extraction from flight data, 09502
low-speed aerodynamic characteristics of 17-percent-thick airfoil section designed for general aviation applications, 08058

Aerodynamics–Con.
low-speed aerodynamic characteristics of NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, 11097
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
obtaining free body responses, evaluation of constrained test method, 01393
second-order solutions for flow field around slender bodies in supersonic flow for sonic boom analysis, 04607
streamline curvature design procedure for subsonic and transonic ducts, 05621
see also Load (mechanics)-Stability of aircraft.
Aeroelasticity:
aeroelastic analysis of a telescoping rotor blade, 04878
stall flutter of helicopter rotor blade, analysis, 04605
transonic single-mode flutter and buffet aeroelasticity of low aspect ration wing having subsonic airfoil shape, 08052
Aerogramme, *see* Air mail.
Aeronautical and Space Sciences Committee, Senate:
calendar, 02223
committee print, 00193, 08464
hearings, 01005, 05104, 06352-3, 07461, 09177, 09907
investigation and studies, authorization and expenses report, 09152
report, 10736
Aeronautical charts, *see* Maps and charts.
Aeronautical engineering:
bibliography with indexes, supplement, 00551, 01605
Aeronautical instruments:
automatic flight control devices on first Soviet rockets, USSR study, 06791
fixed-base simulation study of 2 STOL aircraft flying curved, descending instrument approach paths, 03599
navigational and flight instruments, Federal item identification guide, 05243
Aeronautical supplies:
aircraft type certificate data sheets and specifications, 01630
packaging, handling and transportation for aeronautical and space systems, equipment and associated components, requirements, 01415
predicting maintenance task difficulty and personnel skill requirements based on design parameters of avionics subsystems, 02823
see also Ground support equipment.
Aeronautics:
aeronautics and space–
code of Federal regulations, 10038
air transportation during energy crisis, service criteria (remarks), 03961
airman's information manual, 01194, 01632-4, 09293
Army aviation digest, 02715
Army aviation RDT&E plan, 02839
aviation decisions, Apr.1,1967-Dec.31,1972, safety enforcement cases, 08161
aviation forecasts, 1972-83 fiscal years, 11495
aviation maintenance technican schools, certification, Federal aviation regulations, 01950
aviation news (periodical), 01929
aviation radio services, FCC rules and regulations, 01959
aviation, certain air navigation services in Greenland, and Faroe Islands in Iceland, joint financing, agreements with other governments, 05833
certified pilot flight and ground schools, list, 03335
civil aviation accidents, brief format, 01628
civil aviation accidents, 1973, preliminary statistical analysis of data, 11201
civil aviation in Republic of Zaire, 11496
civil aviation in USSR (50th anniversary of its formation), 10261
code of Federal regulations, 08572
FAA statistical handbook, 05342
Federal aviation act–
amend, report, 03206-7
enforcement procedures, Federal aviation regulations, 10011, 01943
rule making procedures, Federal aviation regulations, 01943
Federal aviation regulations, 01942, 01942, 01946-8, 01952
general aviation airplane, advanced control systems and displays, flight evaluation, 11155
geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, effect, 06883
international civil aviation convention, amendment, 04158
international notams, 02176
Marine aviation, manual, 09452
Mech, naval aviation maintenance safety, 02286
memorandum for aviators, 02288
national aviation system planning review conference, summary report, 05343
naval aviation news, 02351
naval aviation safety review, 01653
Pacific chart supplement, U.S. Government flight information publication, 02717
scientific and technical aerospace reports, 02571
semiannual indexes, 02570
toward better tomorrow with aeronautical and space technology, 00193
United Kingdom Civil Aviation Authority/United States Federal Aviation Administration–
twelfth annual meeting, report, 10894
see also Aeronautical engineering-Air power-Flight.
Aerosols:
effects of aerosols on determination of temperature of earth's surface from radiance measurements at 11.2 um, 05700
measuring behavior of aerosols in smog-chamber studies, evaluation of instrumentation, 04591
mechanisms of formation and composition of photochemical aerosols, 06547
microbial aerosols, primary distribution in respiratory system, USSR STUdy, 06775
visible radiation polarization measurements by aerosol scattering approximation from satellite, 06844
Aerospace, *see* Outer space.
Aerospace industries:
NASA-industry-university aerospace awareness program guidelines, 00555
reemployment assistance for engineers, scientists, and technicians unemployed because of cutbacks, GAO review, 06693

Aerospace industries—Con.
parts, materials, and processes experience summary to aid in minimizing recurrences of system failures, 06851, 11096
state of industry—
hearings, 05104
Aerospace medicine, *see* Medicine.
Aerospace Safety Research and Data Institute:
oxygen technology survey, 09486, 11095
Aesthetics:
in environmental planning, 07776
labor psychology and esthetics, USSR study, 11560
AFDC, *see* Families-Public welfare.
Afghanistan:
area handbook, 00741
economic trends and their implications for United States, 07902
AFHRL, *see* Air Force Human Resources Laboratory-Training.
AFOSR, *see* Air Force Office of Scientific Research .
Africa:
African series, 11773
Africana acquistions, report of publication survey trip to Nigeria, Southern Africia, and Europe, 01363
agricultural production 1963-72, indices, 04339
contributions to hydrology of Africa and Mediterranean region (series), 08618, 10090
crisis of development and interdependence, hearings, 10695
Eastern, accessions list, Library of Congress, Nairobi, Kenya, 01596
market profiles, 07639
mining and petroleum laws, summary, 08692
minority rule and refugees in Africa, role of All Africa, Conference of Churches, hearings, 04099
Organization of African Unity, 07048
Sahelian region, disaster relief assistance appropriation, authorization, hearings, 06293
Sahelian, emergency disaster assistance, 06365
southern, east, and west, special study mission report, 06233
southern U.S. business involvement hearings, 09078
Spanish-speaking Africa, guide to official publications, 01365
translations, 02662
U.S. development aid, 11773
U.S. Government supported research on foreign affairs, inventory, 09621
West—
crisis, world hunger, health, and refugee problems, hearings, 05165
drought and famine, hearing, 04201
world trade outlook, 03300
AGC, *see* Adjutant General's Corps.
Age:
age and earnings by occupations, 08905
age and ATC experience relationships to job performance ratings of terminal area traffic controllers, 07245
age at menarche, United States, 05652
age differences in medical care spending, 08216
Age discrimination in employment act, report, 06485
blood pressure levels of children 6-11 years, relationship to age, 06931
discrimination in employment act, effect on labor standards act, 09946
Discrimination in employment act, report covering activities under the act during 1972, 06484
improving age discrimination law, 00194
mortality trends by age, 06932
Aged:
adequacy of Federal response to housing needs of older Americans, hearings, 09178
Age discrimination in employment act, report, 06485
aging (periodical), 01609
barriers to health care for older Americans—
hearings, 04180, 05105-6, 06354-5
census of housing 1970, housing of senior citizens, 02864
community planning for elderly, 07876
elderly and handicapped on Washington metropolitan rail rapid transit system, additional cost of providing mobility, 11271
elderly Cubans in exile, working paper, 09179
elderly Mexican-Americans, proposals to eliminate legal barriers, working paper, 09180
facts and figures on older Americans, 2
foreign programs for elderly, 08629, 09369
handicapped and elderly market for urban mass transit, 11281
health insurance for aged, hospital and skilled nursing facility admissions, fiscal year 1972, 11231
hearing aids and the older American—
hearings, 08465
housing for rural elderly under major Federal housing programs, subcommittee report, 09183
income tax, protect older American against overpayment, checklist of itemized deductions, 07463
institutionalization of elderly, 1973, alternatives, hearings, 07550
medicare general enrollment period, 1973, 10414
medicare providers and suppliers of services for the aged, 07031
medicare, health insurance for the aged, 00635, 08842
medicare, health insurance for the aged, short-stay hospital utilization, 00635
nursing homes for aged, selected characterisitics, 08110
nutrition and the elderly—
hearings, 01049, 09239
nutrition for elderly, project information system guide, 10488
older Americans are national resource, 07098
older Americans in ACTION, 02400
older Americans, facts about incomes and housing, 04495
older Americans, fiscal 1975 budget, what it means for older Americans, 06356
older Americans nutrition program, hearings, 09063
oversight on older Americans, hearings, 09825
patients in long-term care facilities, staff manual, 07162
reduced rate air transportation, authorize, report, 03206
reduced rates for air transportation, hearings, 06380
reduction of injury, research directions, proceedings, 01453
short-stay hospital utilization of medicare, 635
social work guide for long-term care facilities, 08776

Aged–Con.
State public assistance plans under Social security act, 00634
State trends, 1950-70, facts and figures on older Americans, 00002
supplemental security income, comparison of 5 countries, 05795
tax benefits for older Americans, 04520
toward declaration of rights and obligations of older Americans, 10489
see also Gerontology–Old age, survivors, disability and health insurance.
Agena, *see* Spacecraft.
Agency for International Development, *see* International Development Agency.
Aggregates:
achieving exposed aggregate surfaces for site-cast concrete, investigation of techniques, 06494
aggregate reserves and member bank deposits, 01610
decomposition-aggregation stability analysis of Skylab control system, 04600
stability region maximization by decomposition-aggregation method, 11092
Aging:
developments in aging, progress and problems, report, 09903
extramural program of research on aging of National Institute of Child Health and Human Development, 09534
fire safety in housing facilities, hearings, 11402
White House Conference on Aging, toward new attitude on aging, report, 01006
see also Gerontology.
Aging Administration:
Commissioner, nomination of Arthur S. Flemming, hearings, 04240
Aging, Special Committee on, Senate:
committee print, 00194, 01006, 06356, 07462-3, 08466, 09179-80
establish as permanent committee, report, 09156
hearings, 04180-4, 05105-6, 06354-5, 08465, 09178
investigation and studies, authorization and expenses, report, 06341, 10726
publications, 87th-93d Congresses, list, 08466
report, 06341, 09903
Agnew, Spiro T.:
former Vice President extend franked mail privilege, law, 06149
Agreements (industrial), *see* Industrial agreements.
Agricultural products:
CCC monthly sales list, 01709
Agricultural and Marketing Service:
regulations, inspection and certification of processed fruits and vegetables, etc., 02799
Agricultural commodities, *see* Agricultural products.
Agricultural credit:
agricultural finance statistics, 09259
credit, key to control (address), 03846
Farm credit act, amend–
report, 11415
farm real estate debt, 1973, 06600
national banks to invest in agricultural credit corporations, authorize, report, 03136
nonreal estate farm debt, 1973, 06601
Agricultural economics, *see* Agriculture.
Agricultural experiment stations:
funds for research at State agricultural experiment stations and other State institutions, 08969
Agricultural machinery, *see* Farm implements and machinery.
Agricultural Marketing Service:
AMS series, 07099-100
Agricultural policy, *see* Agriculture.
Agricultural processing:
peanut stocks and processing, 00699
sweet cherries, 05930
Agricultural products:
Africa and Near East 1963-72, indices, 04339
agricultural commodities, agreement with–
Bangladesh, 05849, 05856, 07052
Colombia, 00680
Israel, 07060
Jordan, 05850
Khmer Republic, 03787
Morocco, 05854
Pakistan, 00682, 05848, 05852-3
Republic of Korea, 03775
Republic of Viet-Nam, 05855
Sri Lanka (Ceylon), 00683
Thailand, 01577
Tunisia, 00684
Viet-Nam, 00697, 01568, 03784, 05846
agricultural prices (periodical), 01613
all agricultural and other commodities traded on exchanges, regulate–
hearings, 10677
CCC monthly sales list, 01709
commodity distribution, food stamp, and special milk programs–
report, 09902
commodity exchange act as amended, general regulations, 02897
commodity futures statistics on futures trading in commodities regulated under Commodity exchange act, monthly, 2313
crest of wave for farm commodities (remarks), 03847
export control policy, hearings, 00195
export controls on agricultural commodities–
hearings, 00203
export controls, regulation, hearings, 05119
exports, limit, report, 11411
food and agricultural export directory, 09328
futures trading and open interest in regulated commodities, 02057
futures trading regulations to include all commodities, report, 08367
immovable feast, crisis in rural transportation, 06360
improving agricultural marketing systems in developing countries, 07653
marketing bulletin, 07119
marketing research reports, 00012, 00722, 03855-7, 04781-3, 05946-7, 07120-2, 08277, 11296
marketing spreads, developments, 1972, 05280
playing for keeps–on peace team (address), 03875
production research report, 02819-21, 04792
rice crop acreage allotments, proposed changes, hearings, 06265
U.S. actions needed to cope with commodity shortages, GAO report, 10084
Vietnam agricultural products, export opportunities in United States, 07652
Western Hemisphere, excluding United States and Cuba, 1963-72 indices, 00292
world agricultural production and trade, statistical report, 02793

Agricultural products—Con.
world food security, global priority for more production, hearings, 07406
world monetary conditions in relation to agricultural trade, 05286
see also Crops.
Agricultural Research Service:
ARS series, 00005, 02802-8, 03837-8, 05916-23, 07101, 08272-4, 09662, 10491
Agricultural Stabilization and Conservation Service:
annual report—
New Mexico, 00716
New York, 00717
Virginia, 00718
West Virginia, 00715
ASCS background information BI series, 00714, 03840-1, 07103-4
Commodity Office operations, 03841, 07104
press releases, 02450
Agricultural trade development and assistance act of 1954:
Library of Congress project newsletter, 02244
Library of Congress Public law 480 project—accessions list—
Israel, 01599
Middle East, 01600
Nepal, 05558
Pakistan, 01601, 03540
Sri Lanka, 07953
cumulative list of serials, annual supplement—
Bangladesh, 08684
India, 04572
Agriculture:
Agricultural act, amend, report, 02975
agricultural aircraft, operations, Federal aviation regulations, 01949, 04393
agricultural charts, 1973 handbook, 02809
agricultural economic report, 00007, 05279, 05926-8, 07105-6, 08276, 11293
agricultural economics research, 01611
agricultural economics, reports issued by Economic Research Service and Statistical Reporting Service, checklist, 01716
agricultural finance statistics, 09259
agricultural outlook digest, 01612
agricultural prices (periodical), 01613
agricultural reseach (periodical), 01614
agricultural science review, 01615
agricultural situation, crop reporters magazine, 01616
agricultural situation in Soviet Union, review of 1973 and outlook for 1974, 11453
agricultural situation in Western Hemisphere, review of 1973 and outlook for 1974, 08534
agricultural situation, Western Europe, 10807
Agriculture and consumer protection act of 1973, report, 02975
Agriculture and consumer protection act, amend, law, 00845
agriculture and fuel crisis, 05043
agriculture economics research (periodical), 01614
agriculture handbook, 02809, 05929-32, 07107-9, 11294
agriculture in United States and Soviet Union, 04342
agriculture information bulletin, 02810, 05933, 07111, 08880, 10493-4
agriculture inspection on Mexican borders, 00017
agriculture trade, domestic and foreign government programs and policies affecting, Tariff Commission report, 03788
agriculture-environmental and consumer protection appropriation bill, 06224
American agricultural system, domestic and foreign elements affecting U.S. agricultural policy, subcommittee report, 04185
American agriculture must export to live, 05934
balance sheet of farming sector, 02810
census—
area reports, 11316
irrigation, 09707
special reports, 02863, 04904-5, 06071, 07253-5, 10533-4
code of Federal regulations, 06624-7, 07805-8, 08568-9, 09307, 10037, 11514
common agricultural policy of European Community, 06639
Communist areas, agricultural situation in, 00293
controlled environment agriculture, global review of greenhouse food production, 04341
controlling water pollution from agricultural nonpoint sources, 05909
credit, key to control (address), 03846
crest of wave for farm commodities (remarks), 03847
decisions, 01617
development of wheat varieties and agricultural equipment, USSR study, 08665
economic of agriculture, reports and publications, list, 06472
extension of farm and related programs, hearings, 00196-7, 01007
farm sector social accounts with projections to 1980, simulation model, 03876
farming in the city's shadow, 05928
farming terraced land, 07118
finance outlook, 04337, 06471
food and agricultural exhibits throughout world, 04423
foreign agricultural economic report, 01085, 03309, 04341-2, 07653, 10808
Foreign Agricultural Service, miscellaneous, FAS-M series, 01236, 03385-6, 04423, 06639, 09328
foreign agriculture (periodical), 02038
foreign agriculture circulars, 02039
free agriculture, basis of prosperity and peace (address), 05939
fuel and needs of agriculture (remarks), 10898
future of environmental controls in agriculture (address), 10850
impact of fuel shortage, hearings, 01009
impacts of domestic and foreign food programs on U.S. agricultural economy, 01047
miscellaneous bills, hearings, 06267
multilateral assistance for agricultural development, 04338
notes from Washington on international research and development, 03839
perspective on '73 (address), 00015
playing for keeps, on peace team (address), 03875
price freeze and its effect on food production, hearings, 04083
remote sensing in agriculture, 10231
rural development, and use of land, papers, 09908
science for living, report on progress from agricultural research, 10494
State instructional materials, list, 01097
tax loss farming, return statistics, 07651

Agriculture–Con.
technical assistant, examination announcement, 00077
technology, agriculture advances and production, selected papers, 09962
U.S. agricultural developments and policies and world food situation (remarks), 05958
U.S. agricultural outlook, 1974, 05109
United States and People's Republic of China, 10808
USSR, translations, 02674
weekly Government abstracts, 02760
world agricultural production and trade, statistical report, 02793
world agricultural situation, 05285
yearbook, 1973–
departmental edition, 04779
document edition, 05015
see also Farm labor-Farmers' cooperative organizations-Irrigation-Soils.
Agriculture and Forestry Committee, Senate:
calendar, 02224
committee print, 04185, 05108-9, 06357, 06360, 07465, 08469, 09183-5, 09908, 10750
hearings, 00195-7, 01007-10, 04186, 05107, 06358-9, 06361, 07464, 08467-8, 09181-2, 10749
report, 03161, 03174, 03161, 03181, 03217, 09170, 09889, 09902, 10735, 11415, 11425
Agriculture Committee, House:
hearings, 00915-6, 04080-3, 05041-9, 06259-69, 07385, 08376-8, 09045, 09799, 10677, 11390
investigation and studies, authorization and expenses, report, 10625
report, 02977, 03012, 03060, 08367, 09795, 10611, 10663
Agriculture Department:
annual report, 00020
appropriations, 1974–
hearings, 09045
law, 02944, 04985
report, 02968, 03006, 03014, 06224
supplemental–
hearings, 06271, 06366
proposal, 11356
hearings, 07386, 09800-1
report, 10675
audit of Rural Telephone Bank, GAO report, 09336
chemical compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs, list, 05986
employee handbook, 05932
field staff, Foreign Service list, 02046
foreign meat inspection, 1973 report, 05938
information on Federal agencies having impact on production and marketing of meat, GAO report, 09342
inspection of farmers' Federal income tax returns, report, 03057
land use planning assistance, 05943
leaflet, 02816, 03854, 05944-5, 07118, 08881
look at USDA's biological control of insect pests, 1888 to present, 01055
marketing bulletin, 07119
marketing research report, 00012, 00722, 03855-7, 04781-3, 05946-7, 07120-2, 08277, 11296
meat and poultry inspection manual, 07164
meat and poultry inspection regulations, 00032, 03895-6, 05988, 09679
meat and poultry inspection, 1972 report, 04784
meat and poultry, inspection regulations, 04816-7
miscellaneous publication, 04785-8, 05948, 08278, 10496
more usable dead or damaged trees should be salvaged to help meet timber demand, GAO report, 01247
PA [program aid] series, 00014, 02817, 03859-72, 03874, 04789-90, 05949, 07124-8, 08279
picture story series, 00017, 02818, 04791, 05950-1, 08882, 10497
press releases, 02451
production research report, 02819-21, 04792
publications and visuals, bimonthly list, 01679
publications available, list, 11337
service, USDA's report to consumers (periodical), 02590
special supplemental food program, preliminary report, GAO report, 01248
statistical bulletin, 07129, 10498
technical bulletin, 00021, 03876, 04793-7, 05953-7, 07130
U.S. foreign trade strategies, ways to improve, GAO report, 04458
USDA (periodical), 02721
USDA-DHIA sire summary list, May 1973, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and mixed breed sires, 03838
Agrometeorology:
agrometeorological forecasting, USSR research, 03493
ways of improving agrometeorological forecasting, USSR study, 11005
AH-(nos.), *see* Helicopters.
AHEC (Area health education center), *see* Health centers.
AID, *see* International Development Agency.
Aid to families with dependent children, *see* Families–Public welfare.
Aid to the blind, *see* Public welfare.
AID-4 (automatic interaction detector-version 4), *see* Computer programs/programming.
Aids to navigation, *see* Navigation.
Air:
air saturation dive, CO effects on acid-base balance, 03556
air saturation diving with rats, effects on EEG and visually evoked cortical response, 07958
air-scattered gamma rays above isotropic plane sources, distribution functions, 07222
cold-air annular-cascade investigation of aerodynamic performance of cooled turbine vanes, 08747, 09491
convective velocities in turbulent boundary layer, measurements and model, 03607
development and testing of air monitoring system, 10838
discrete wall jets in quiescent air, 09482
strain-cycling fatigue behavior of 10 structural metals in ambient air, 09506
fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, study, 03597
forced convection, effects on flame spread of plexiglas, nylon and teflon, 08073
measured pressure distributions on large-angle cones in hypersonic flows of tetrafluoromethane, air, and helium, 08059
measuring fuel-air ratios of combustion gases, use of fluidic oscillator, 11109
spectral identification of compounds formed by nuclear radiation in air for remote fallout survey, 03900
State air data information survey, 07781

Air–Con.
thermodynamic and transport properties of air and its products of combustion with ASTM-A-1 fuel and natural gas, 05633
x-ray fluorescence spectrometer for airborne particulate monitoring, 01169
see also Air pollution-Atmosphere.
Air Almanacs, *see* Almanacs.
Air and Water Programs Office:
publication AP (series), 00725, 03878-9, 05960
publication APTD (series), 00022, 00024-5, 00029, 03880-4, 05961-2, 07134, 09664
Air bags:
development and technology for minimizing automobile accident injuries–hearings, 05124
Air bases:
airfield operational and maintenance facilities, 03917, 04871
Army airfield and heliport rigid and overlay pavement design, 03916
planning and design, theater of operations, 07173
see also Airports.
Air carriers:
air carrier airports, 1967-83, large and medium hub, aviation activity forecast, 11501
air charter services, agreement with–
France, 01569
Ireland, 01572-3
air shipments of domestic animals, hearings, 08397
air taxi operators and commercial operators of small aircraft, Federal aviation regulations, 01949, 04393
air transport services, agreement with–
Ireland, 00677
Mexico, 01578
Union of Soviet Social Republics, 00676
air transportation during energy crisis, service criteria (remarks), 03961
air transportation of dangerous articles and magnetized materials, 03334
Alexander is a swoose (remarks), 09714
boost-glide transport technology planning, direct operating cost, 09480
certificated accounts and reports, uniform system, 07306
certificated, subsidy, 07308
certificated, accounts and reports, uniform system, 02711
certification and operations, Federal aviation regulations, 11499, 01948
economy and efficiency of international air travel by Government officials, hearing, 00932
financial statistics, quarterly and 12-month, 01618
foreign operations, Federal aviation regulations, 01948, 10017
free transportation offer to employees and survivors, report, 03207
inclusive tour charter transportation, hearings, 06377
inclusive tour charter trip, report, 03152
keeping abreast of air carrier industry (address), 10063
local service, unit costs, 00073, 07307
medical information for air ambulance operators, 10021
problems of international aviation today (remarks), 10548
reassessment of Civil Aeronautics Boards's regulatory role in refining national air transportation system under Federal Aviation act (remarks), 00793
reduced rate transportation for certain persons, handicapped, aged, and youth, report, 03206
reduced rates for air transportation for youth, elderly, and handicapped, hearings, 06380
scheduled, with helicopters, certification and operations, Federal aviation regulations, 01948
threat to air service posed by fuel crisis (remarks), 04946
traffic statistics, monthly and 12-month data, 01619
transportation of dangerous articles, etc., Federal aviation regulations, 01947
U.S. air carriers, list, 00792
U.S. operations, 1970-72 annual review of aircraft accident data, 11200
Air conditioning:
air conditioning equipment, Federal item identification guide, 05241
HVAC systems, report of fire tests on flexible connectors, 06908
refrigeration and air conditioning, Federal item identification, guide, 03277
Air cushion vehicles:
landing performance of air-cushion landing system installed on 1/80-scale dynamic model of C-8 Buffalo airplane, 00552
one/tenth-scale dynamic model of C-8 Buffalo airplane, landing performance of air-cushion landing system, 06861
SK-5 air cushion vehicle in Alaska, operational evaluation, 05305
Air drop operations:
airdrop of supplies and equipment, rigging–one-half ton platform trucks, 05993
pole-type utility and bolster trailer, 05994
airdrop recovery procedures, Army technical manual, 04872
Air flotation:
biological oxidation of synthetic rubber and latex wastewater, 06564
segregation of wood and bark chips by differences in terminal velocities, 04441
See Flotation.
Air flow, *see* Flow.
Air Force:
adaptability factors for military service among 1965, airman accessions, 04802
aeronautical charts, latest editions, 02204
AFOSR 18th annual chemistry program review, 04799
Air Force civil engineer (periodical), 01621
airman career information enlisted personnel, 05976
airman, official magazine of Air Force, 01631
Armed services procurement regulation ASPR, supplement, 01620
comparative data on sample of all-volunteer enlistees with 1970-72 Air Force accessions, 02831
comparison of task difficulty ratings made by nurses and medical service corpsmen, 10502
comparison of volunteer attitudes and career motivation among officer and airman personnel, 05971
comptroller (periodical), 01622
computer simulations of 3 adaptive instructional models for advanced instructional system, 09665
concrete structural design for buildings, 04867

Air Force–Con.
don't guess about a career! Air Force jobs, 03886
drug abuse in Air Force, correlational analysis, 07139
effect of all-volunteer force on input into school of military sciences, officer training program, 09666
effectiveness of advertising, 07153
electronic career ladder evaluation project, aptitude requirements study, 07144
enlisted personnel airman classification manual, 03885
enlistees, variables related to pre-service cannabis use in sample, 09668
fiscal year 1974, Air Force technical objective document, 00031
fully proceduralized job performance aids, 09671-3
good way to spend weekend, Air Force educational programs, 03887
graduate medical education, 05979
history, 05978
managing nonexpendable end-item equipment, GAO report, 07840
media adjunct programming, individualized media-managed approach to academic pilot training, 09676
occupational research project, 07138
officer qualifying test form M, development and standardization, 08280
officers, relationship between personality traits and officer performance and retention criteria, 02826
reading improvement programs, analysis, 07150
research and development program for improvement of maintenance efficiency, 04801
reserve officers, active duty time required to be performed on completion of training at educational institution, eliminate–
hearings, 09053, 09821
law, 04018
report, 03054, 03227
security police, USAF military working dog program, 07154
soldiers and statesmen, 4th Military history symposium, proceedings, 04808
technical training systems, adaptation of advanced measurement and evaluation techniques for utilization, 05970
training line simulator, 07152
travel regulations, 02191, 07634
Under Secretary, nomination of James W. Plummer, hearings, 05116
vocational and occupational interest inventory, 07145
writing, guide for writing improvement, 05975
see also Pay, allowances, etc..
Air Force Academy, Colo.:
assembly, 1973, report, 05963
catalog, 11298
conceptual design for cost evaluation of alternative education systems in managing Air Force Academy and Air Force ROTC, 04800
minority cadets, 04798
special bibliography series, 05964
Air Force Cambridge Research Laboratories:
geophysics and space data bulletin, 02062
Air Force Department:
Air Force manual, 00726, 02833, 03885, 04803-6, 05974, 07154-7, 08281
Air Force pamphlet, 04807, 05975-7, 07158-9
Air Staff, organization chart, 01625
appropriations, 1974, military construction, hearings, 03103
appropriations, 1974–
hearings, 06362
military construction, report, 03079, 04066, 06247
appropriations, 1975, hearings, 11391
Assistant Secretary for research and development, nomination of Walter B. LaBerge–hearing, 01017
Assistant Secretary, nomination of Frank A. Shrontz, hearing, 01016
Chief of Staff, nomination of George S. Brown, 00201
consolidation of airlift squadrons to reduce reserve personnel needs and operating costs, GAO report, 07838
July 1, 1968-June 30, 1969, historical summary, 02835
pamphlets, 00727
Secretary, nomination of John L.McLucas–hearing, 00201
Air Force Human Resources Laboratory:
technical reports, 02822-32, 04800-2, 05967-73, 07138-43, 07145, 07147-9, 07151-2, 08280, 09665-77, 10501-2
Air Force Institute of Technology:
analysis of course 475, laboratory management of R&D, 02832
Air Force Medical Service:
digest, 02714
Air Force Office of Scientific Research:
symposium on advanced propulsion concepts, proceedings, 05965
technical report, 04799, 05965, 07136-7
Air Force Reserve:
Air reserve as all-volunteer force, 05968
air reservist (periodical), 01624
consolidation of airlift squadrons to reduce reserve personnel needs and operating costs, GAO report, 07838
Air Force specialties:
career area rotation model, user's manual, 05973
Air inlets (aircraft):
comparison of theoretical and experimental boundary-layer development in mixed-compression inlet, 08723
distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101
flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
forward-slanted slot throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 10221
inlet-air humidity, temperature, pressure, and reference Mach number on formation of oxides of nitrogen in gas turbine combustor, effect, 05625
investigation, at inlet locations, of fuselage flow fields at transonic and supersonic speeds, 01408
large-scale, two-dimensional, mixed-compression inlet system, experimental investigation, 04630
NACA I-series axisymmetric inlets, investigations, 10218

Air inlets (aircraft)–Con.
subsonic inlet diffuser geometries for engine nacelles, boundary-layer analysis, 08732
subsonic inlet lip geometry on predicted surface and flow Mach number distributions, effect, 06882
terminal-shock and restart control of Mach 2.5, axisymmetric, mixed-compression inlet, 08049
Air Iowa, Inc.:
accident report, 05718
Air mail:
eighteen-cent aerogramme (poster), 05893
eleven-cent postal card (poster), 05891
international 18-cent airmail postal card (poster), 05895
Mount Rushmore, 26-cent, international airmail stamp (poster), 05897
Statue of Liberty, 18-cent, international airmail stamp (poster), 05896
Air Mass:
low cost air mass 2 solar simulator, 09496
Air National Guard, *see* National Guard.
Air navigation:
air navigation in Greenland, and Faroe Islands and in Iceland joint financing, agreement with other governments, 05833
expenditure of Federal funds for nonmilitary airports or air navigation facilities thereon, Federal aviation regulations, 1952
enroute IFR peak day charts, 10503
flight results from study of aided inertial navigation applied to landing operations, 03600
flying training, air navigation, manual, 02833
navigator (periodical), 02356
non-Federal facilities, Federal aviation regulations, 01952
Pacific chart supplement, U.S. Government flight information publication, 02717
site requirements for terminal navigational facilities, 02837
see also Navigation.
Air piracy:
more effective program to prevent, report, 10636
Air pollutants:
health effects of air pollutants, conference proceedings, 08513
Air pollution:
aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07743-4
air pollution abstracts, 01623
air pollution damages, 00391
air pollution engineering manual, 00022
air pollution–land use planning project–
economic comparison of point source controls and emission density zoning for air quality management, 08541
selected land use control policies for air quality management, 08540
air quality and automobile emission control, 10796-8
air quality control strategies, cost evaluation of alternative, 07777
air quality monitoring sites, directory, 06540
air quality requirements, assessment of impact on coal, 10179
airborne chemical elements in Spanish moss, 01263
airborne lead, EPA's position on health effects, 10847
aircraft emissions, impact on air quality and feasibility of control, 09664
ammoniacal scrubbers to remove sulfur oxides from waste gas, evaluation of equations for designing pollution controls, 11480
application of repro-modeling to analysis of photochemical air pollution model, 10830
aspects of emission sources, primary copper production, bibliography with abstracts, 00725
atmospheric emissions from petroleum refining industry, 03320
Clean air act, amend–
amend–
hearings, 08508
legislative history, 07573, 08514
report, 08373, 08448
nondegradation policy, hearings, 04225
oversight, hearings, 09086
climatological dispersion model, user's guide, 09995
coal combustion seminar, proceedings, 00333
compilation of air pollutant emission factors, 03878, 05960
control, intermedia aspects, 01185
controlled evaluation of reactive environmental simulation model (REM) to test impact of air pollution control devices, 05321
cost of Clean air act, report, print as Senate document, report, 04173
cost of clean air, annual report, 05095
damages trees, 00391
development of improved systems for obtaining time integrated measurements of sulfur dioxide, nitrogen dioxide, nitrogen oxides, and other pollutants, 00339
development of range squared and off-gating modification for lidar system, 06561
emission study of industrial sources of lead air pollutants, 00025
enforcement economics in air pollution control, 10859
engineering source evaluation of ammonia oxidation plant, 09986
estimate of contribution of jet aircraft operations to trace element concentration at or near airports, 09495
field surveillance and enforcement guide, 05961
field surveillance and enforcement guide for primary metallurgical industries, 06578
flux force–condensation scrubbing for fine particulate collection, feasibility, 07751
impacts of transportation control strategies on Los Angeles air quality, 00329
implementation of transportation controls under Clean air act, hearings, 09963, 10792
indoor-outdoor air pollution relationships, annotated bibliography, 03879
instrument for simultaneous monitoring NOx and SO2 in stationary sources, 06558
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
investigation of alleged air pollution effects on yield of soybeans in vicinity of Shawnee Steam Plant, 00704
lead and air pollution, bibliography, 06581
legal compilation, statutes, and legislative history, executive orders, regulations, guidelines and reports, 05333
levels, not to be exceeded more than once per year, evaluating compliance, 11130
low pollution power systems development for Rankine, combustion, and gas turbine engines, 01176

564-800 O - 75 - 6

Air pollution—Con.
measurements by remote sensing from satellites, 08022
measuring behavior of aerosols in smog-chamber studies, evaluation of instrumentation, 04591
microscale model of local vehicular source contributions to measured pollutant concentrations, 05322
motor vehicle emission, interim report, 04378
National air monitoring program, air quality and emissions trends, 06582-3
national air quality levels and trends in total suspended particulates and sulfur dioxide, 10500
National public hearings on power plant compliance with sulfur oxide air pollution regulations, report of panel, 11487
normal carboxyhemoglobin levels of blood donors, 07735
NOx from coal-fired furnaces, effects of design and operating variables, 07747
pressurization system air pollution sampler used to measure minor atmospheric constituents from aircraft, 08739
program for reduction of NOx from tangential coal-fired boilers, 00331
quality control practice in processing air pollution samples, 03880
reduction of atmospheric pollution by application of fluidized-bed combustion and regeneration of sulfur-containing additives, 04373
remote sensing of air pollution in urban areas, 06557
standards, administration's proposal for relaxation, hearings, 04256
State air data information survey, 07781
State air pollution implementation plan progress report, 10864
State implementation plan, 07135
surface combustion concepts for NOx control in utility boilers and stationary gas turbines, investigation, 00332
tests of urban meteorological-pollutant model using CO validation data in Los Angeles metropolitan area, 01156-7
thermal radiation modeling for pollution predictions, 07748
training courses, chronological schedule, 04355
translations, bibliography, with abstracts, 09227
transportation controls for implementation of Federal clean air standards, hearings, 08511
transportation controls under Clean air act, 00146
trees for polluted air, 04786
TVA pollution control facilities, credit for expenditures, hearings, 08437
U.S. deports imports that pollute (poster), 06595
urban air shed photochemical simulation model study, 05322-3, 09278-81
vehicle behavior in and around complex sources and related complex source characteristics, 07782-3, 08556-8
Whatman-41 filters used in air quality sampling networks, 11133
see also Aerosols.
Air power:
offensive, Soviet view, 03888
tactical air power, appropriations, 1974, authorization, hearings, 00199, 10754
Air routes, *see* Airways.
Air safety, *see* Safety of life.
Air samplers:
pressurization system air sampler used to measure minor atmospheric constituents from aircraft, 08739
Air service, *see* Air carriers.
Air slots, *see* Slots.
Air speed:
blockage ratio on drag and pressure distributions for bodies of revolution at transonic speeds, effect, 06865
drag characteristics of circular cylinders in laminar boundary layer at supersonic free-stream velocities, 06871
fuselage flow fields at transonic and supersonic speeds, investigation at inlet locations, 01408
highly underexpanded sonic jet ejecting from flat plate into subsonic crossflow, 05615
hypersonic boundary-layer transition and effects of wind-tunnel disturbances, 08728
low-speed aerodynamic characteristics of 17-percent-thick airfoil section designed for general aviation applications, 08058
low-speed aerodynamic characteristics of NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, 11097
noise and wake structure measurements in subsonic tip speed fan, 04606
pressure distribution on vectored-thrust V/STOL fighter in transition-speed range, 08718
subsonic and transonic ducts, streamline curvature design procedure, 05621
subsonic speeds, flight Reynolds number effects on contoured boattail nozzle, 09494
Air taxi operators, *see* Air carriers.
Air terminals, *see* Terminals (transportation).
Air traffic:
activity, FAA report, fiscal and calendar year 1972, 10885
activity, FAA report, 1973 fiscal year, 03332
activity, FAA report, peak day and terminal area relationships, calendar year 1973, 10010
air carrier statistics, monthly and 12-month data, 01619
airspace utilization considerations in proposed construction, alteration, activation and deactivation of airports, 00355
ATC concepts for V/STOL vehicles, 11790
ATC procedures for IFR approaches to triple parallel runways, investigation, 11786
automated radar terminal system (ARTS) III, 03331
contractions used by FAA, etc., 00728
control—
contractions handbook, 04809
contractions used by FAA, etc., handbook, 00728, 01816
en route handbook, 01908, 03889
facility management handbook, 00729, 04810, 05980, 08286
flight services handbook, 03890, 05981
special military operations, 07160
special military operations,handbook, 04811
terminal, handbook, 00730, 07161
controlled airway traffic, stochastic model, 10023
enroute IFR peak day charts, 10503
large and medium hub, aviation activity forecast 1976-83, air carrier airports, 11501

Air traffic–Con.
large screen display in automated oceanic ATC, air traffic control, environment, evaluation, 11256
military activity, report, 11502
navigable airspace, objects affecting, Federal aviation regulations, 01952
oceanic air traffic control automation, engineering and development program plan, 09295
operational evaluation of ARTS 2 radar alphanumeric display subsystem (RADS), 11258
procedures for handling airspace matters, 05982
security control, Federal aviation regulations, 01947, 10014
space shuttle traffic model, 10229
special rules, and airport traffic patterns, Federal aviation regulations, 01947
special use airspace, Federal aviation regulations, 01952
wake vortex sensing, processing and display, 10456
Air traffic controllers:
personality and physiological correlates of performance decrement on monotonous task requiring sustained attention,10529
physiological responses in air traffic control personnel at Houston Intercontinental Tower, 10530
physiological, biochemical, and psychological responses, comparison of 5-day and 2-2-1 shift rotation patterns, 10531
sex comparison of reasons for attrition of nonjourneyman FAA air traffic controllers, 09705
susceptibility to anxiety and shift difficulty as determinants of state anxiety in air traffic controllers, 07250
terminal area traffic controllers, relationships of age and ATC experience to job performance ratings of, 07245
Air transportation, *see* Aeronautics–Air carriers–Transportation–Travel.
Air University:
review, 01627
Air University Library:
index to military periodicals, 01626
Air-conditioning:
commercial and industrial refrigeration equipment trade data, 10803
military family housing in Hawaii, DOD's requirement is unnecessary, GAO report, 10077
Airbases, *see* Air bases
Aircraft:
adapter, hoisting, aircraft jacking point, aircraft mooring, aircraft towing, and aircraft floor tie down, Federal item identification guide, 09971
agricultural operations, Federal aviation regulations, 01949, 04393
aircraft and aircraft engines, current industrial reports, 01846
aircraft and related products, Federal aviation regulations, 10012
aircraft and related products, identification and registration marking, Federal aviation regulations, 01943
aircraft cabin fire extinguishing system, design calculations for a Halon 1301 distribution tuber, 09627
aircraft metal structures reinforced with filamentary composites, 08017
airmobility, evolution in Army, 1961-71, Vietnam studies, 06023
airworthiness, FAA directives, 01943
alterations, acceptable methods, techniques, and practices, 01594, 10884
angular momentum and aircraft-store separation problem, 05733
ATC concepts for V/STOL vehicles, 11790
audit of payments from special bank account to Lockheed Aircraft Corporation, for C-5A aircraft program, quarterly, GAO report, 02543, 10074
boost-glide transport technology planning, cost, 09480
certification procedures for products and parts, Federal aviation regulations, 01943, 10887
circumferential shaft seal for aircraft gear transmissions, improved, 06853
civil aircraft register, United States, 01196, 11504
civil, technical standard order authorization, Federal aviation regulations, 01943
civil, United States, 1970-71, census, 00356
control system to alleviate STOL aircraft response to horizontal and vertical gusts, 06858
corrosion control for aircraft, 00357
danger, automotive gasoline at work, 07819
DC-10, oversight, bearings, 09918
decay of far flow field in aircraft trailing vortices, 08075
design, use of method of variation of similarity constants, USSR study, 07916
determination of critical nondimensional parameters in aircraft dynamic response to random input, 08033
emissions, impact on air quality and feasibility of control, 09664
en route position and time control of aircraft using Kalman filtering of radio aid data, 05634
estimate of contribution of jet aircraft operations to trace element concentration at or near airports, 09495
exhibition flight, 06901
externally blown flap STOL aircraft, typical approach and landing data simulator study, 11661
FAA aircraft program data feedback, 01928
fan-in-wing VTOL configuration, performance, 08731
fixed-base simulation study of decoupled controls during approach and landing of STOL transport aircraft, 08053
fixed-base simulation study of 2 STOL aircraft flying curved, descending instrument approach paths, 03599
flight evaluation of HL-10 lifting body handling qualities at Mach numbers from 0.30 to 1.86, 08071
flight investigation of approach and flare from simulated breakout altitude of subsonic jet transport and comparison with analytical models, 11139
flight investigation of structural mode control system for XB-70 aircraft, 03608
flight testing, parameter estimation techniques and applications, 11666
general aviation inspection aids, 00387
general operating and flight rules, Federal aviation regulations, 01947
hazard associated with sublimation of solid carbon dioxide (dry ice) aboard aircraft, 10892

Aircraft–Con.
hypersonic aerodynamic characteristics of all-body research aircraft configuration, 05620
hypersonic transport technology planning, methodology, 03578
ice protection investigation for advanced rotary-wing aircraft, 04876
IFR aircraft handled, 1974-84 forecast by Air Route Control Center, 11500
IFR altitudes, Federal aviation regulations, 01952
imported certificates of airworthiness, agreement with, Belgium, 00686
influence of wing loading on turbofan powered STOL transports with and without externally blown flaps, 03588
inspection aids, general aviation, 02061, 07819
international Paris airshow, LeBourget Field, Paris, France, 09119
investigation of turbulence in lower layers of marine boundary layer, 10326
Kestrel (XV-6A) lateral static and dynamic aerodynamic parameters extracted from flight data, 10238
landing rates for mixed STOL and CTOL traffic, 11667
large, commercial operations, certification and operations, Federal aviation regulations, 01948
liquid nitrogen fuel tank inerting system in FAA DC-9 aircraft, 10927
low-speed aerodynamic characteristics of 17-percent-thick airfoil section designed for general aviation applications, 08058
maintenance, preventive maintenance, rebuilding and alteration, Federal aviation regulations, 01946
materials, parts, and appliances certified under technical standard order system, 03333
military procurement, appropriations, 1974 request, 02963
minimum pipe-cover requirements for C-5A and other aircraft loadings, development, 06530
model aircraft operating standards, 10893
motion, calculation and analysis of control, 06898
multi-aircraft flights comupter simulation, aid to mission planning, 06978
noise source abatement technology and cost analysis including retrofitting, 04379
nuclear instrument landing system for aircraft, 06049
obstruction marking and lighting, 07787
operating cost and performance report, 00791
predictive pilot model for STOL aircraft landing, 09481
pressure distribution on vectored-thrust V/STOL fighter in transition-speed range, 08718
pressurization system used to measure minor atmospheric constituents from aircraft, flight test, 08739
quiet turbofan STOL aircraft for short-haul transportation, 08029-30
registration, Federal aviation regulations, 01943, 10013
small, air taxi operators and commercial operators, Federal aviation regulations, 01949, 04393
status and avilability of military handbooks and ANC bulleting for aircraft, 01195
STOL aircraft with externally-blown jet augmented flaps, calculation of longitudinal aerodynamic characteristics, 08031
STOL technology, 03595
subsonic inlet lip geometry on predicted surface and flow Mach number distributions, effect, 06882
supplemental type certificates, summary, 02633
tests of Vega aircraft radar enhancing system (VARES), 11787
titles and security documents, recording, Federal aviation regulations, 01943
type certificate data sheets and specifications, 01630
type certification, noise standards, Federal aviation regulations, 01944
using moving-aircraft and moving-horizon attitude indicators, in-flight performance of civilian pilots, 07247
see also Aircraft accidents–Airplanes–Helicopters–Power plants.
Aircraft accidents:
annual review of data 1970-72 U.S. air carrier operations, 11200
approach and landing accident prevention forum, special study report, 08806
civil aviation accidents, 1973, preliminary statistical analysis of data, 11201
civil aviation, brief format, 01628
general aviation, annual review, 11199
lightning-induced voltages in aircraft electrical circuits, 08028
NTSB-AAR (series), 00597, 01497-9, 03690, 05717-8, 06995, 08160, 09569-70,
NTSB-AAS series, 08806, 09571
U.S. general aviation accidents involving fuel starvation, special study, 09571
Aircraft automatic pilots:
effects on airplane responses to turbulence with emphasis on tail loads, 09499
gyro-less wing leveler and directional autopilot, development and flight tests, 08729
Aircraft controllers, *see* Air traffic controllers.
Aircraft engines, *see* Engines (aircraft).
Aircraft fuel, *see* Motor fuel.
Aircraft instruments, *see* Aeronautical instruments.
Aircraft repair stations:
Federal aviation regulations, 01946
Aircraft simulators:
motion software for synergistic six-degree-of-freedom motion base, 05618
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
Aircraft tires, *see* Tires.
Aircrews, *see* Flight crews.
Airdrop operations, *see* Air drop operations.
Airfields, *see* Air bases–Airports–Aviation fields–Heliports–Pavements.
Airfoils:
aerodynamics, USSR study, 08668
airfoil design by numerical optimization, assessment, 11658
finite element analysis and computer graphics visualization of flow around pitching and plunging airfoils, 01388
increased leading-edge thickness on performance of transonic rotor blade effects, 06891
jet airfoil close to flat barrier, streamline flow of ideal liquid, USSR study, 09390

Airfoils–Con.
leading-edge serrations on reducing flow unsteadiness about airfoils, 05610
low-speed aerodynamic characteristics of 17-percent-thick airfoil section designed for general aviation applications, 08058
motion of vehicle with lifting airfoils over rippled water surface USSR study, 09391
NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, low-speed aerodynamic characteristics, 11097
use of thick-airfoil theory to design airfoil families with thickness and lift varied independently, 10246
Airline employees:
District of Columbia minimum wage act, amend–
hearings, 07486
law, 10566
report, 04071
Airlines, *see* Air carriers.
Airmail, *see* Air mail.
airman career information, enlisted personnel, 05976
airman's information manual, 01194, 01632-5
attitudes of airmen toward weighted airman promotion system, 02824
comparison of volunteer attitudes and career motivation among officer and airman personnel, 05971
development of E-2 weighted airman promotion system, 02825
disease among airmen medically certified during 1965, prevalence and incidence, 07246
lower mental ability airmen, feasibility of using special measures in classification and assignment, 08883
nonprior service college graduate airmen responses to selected questions from Mar.1971 Airman Sample Survey, 05967
see also Air Force–Aviators–Flight crews–Notice to airmen–Pay, allowances, etc.
Airplane tires, *see* Tires.
Airplanes:
autopilot, effects on airplane responses to turbulence with emphasis on tail loads, 09499
computed lateral power spectral density response of conventional and STOL airplanes to random atmospheric turbulence, 09501
disposal of airplane wash wastes, 11721
disposal of wastes from cleaning, 11722
fixed-base simulation study of decoupled controls during approach and landing of STOL transport airplane, 08053
flight instructor, practical test guide, 03384
flight investigation of structural mode control system for XB-70 aircraft, 03608
flight study of vehicle operational status and monitoring system, 08072
flight test data for Cessna Cardinal, 08025
flight test guide–
commercial pilot, airplane, 03382
instrument pilot, airplane, 00385
flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
general aviation airplane, advanced control systems and displays, flight evaluation, 11155
hypersonic aerodynamic characteristics of family of power-law wing-body configurations, 06881
jet routes, establishment, Federal aviation regulations, 01952
landing performance of air-cushion landing system installed on 1/10-scale dynamic model of C-8 Buffalo airplane, 00552, 06861
light twin-engine airplane, full-scale wind-tunnel investigation of effects of slot spoilers on aerodynamic characteristics, 01406
low sonic boom supersonic transport, study to determine feasibility, 08023
multiengine class and type ratings, flight test guide, 01230
normal, utility, and acrobatic category airplanes, airworthiness standards, Federal aviation regulations, 01944
steady-state decoupling of elements of longitudinal mode of airplane, computer program for solving gains required, 11655
STOL transport airplane, simulation of decelerating landing approaches on externally blown flap, 11122
transport category, airworthiness standards, Federal aviation regulations, 01944
see also Aircraft.
Airports:
air carrier airports, 1967-83, large and medium hub, aviation activity forecast, 11501
airfield operational and maintenance facilities, 03917, 04871
airfield pavement, small aperture testing, evaluation, 07715
airfield pavements, design manual, 00598
airport access study, impact of airport-oriented vehicle trips on highway facilities, 00361
Airport and airway development act, annual report of operations, 10891, 10895
airport and airways, annual report on financial condition of trust fund, 09018
airport directory, airman's information manual, 01194, 01633, 09293
airport paving criteria, developments, 10508
airspace utilization considerations in proposed construction, alteration, activation and deactivation of airports, 00355
Army airfield-heliport operational and maintenance facilities, technical manual, 04870
C-5A and other aircraft loadings, development of minimum pipe-cover requirements, 06530
design standards, site requirements for terminal navigational facilities, 02837
directory, airman's information manual, 01194
estimate of contribution of jet aircraft operations to trace element concentration at or near airports, 09495
Federal aid program, Federal aviation regulations, 01951
gear pattern on airfield pavement systems performance, effects, 08538
installation of XM19 airfield landing mat, 00317
land airports serving CAB certificated air carriers, certification and operations, Federal aviation regulations, 00951
location identifiers, handbook, 02257
national airport system plan–
Alaskan region, 04394
central region, 04396
eastern region, 04397
Great Lakes region, 04398
national and narrative summaries, 04395
New England region, 04399
northwest region, 04400
Pacific region, 04401
Rocky Mountain region, 04402
southern region, 04403

Airports–Con.
Southwest region., 04404
western region, 04405
National capital, Federal aviation regulations, 01951
New York offshore airport feasibility study, 11789
notice of construction, alteration, activation, and deactivation, Federal aviation regulations, 01952
portable photometer to measure light output of installed in-pavement lighting fixtures, evaluation, 11260
property, release from surplus property disposal restrictions, Federal aviation regulations, 01951
public, acquisitions of U.S. land, Federal aviation regulations, 01951
rigid airfield pavement systems, forecasting of long-term requirements, 01109
security, Federal aviation regulations, 10016
user manual for LIFE 1 computer program, 09272
utility, air access to national transportation, 05344
see also Air traffic.
Airpower, *see* Air power.
Airspace reservations:
special use airspace, Federal aviation regulations, 01952
Airspace utilization, *see* Air traffic.
Airspeed, *see* Air speed.
Airstrips, *see* Runways (aeronautics).
Airways:
Airport and airway development act–annual report of operations, 10891, 10895
airport and airways, annual report on financial condition of trust fund, 09018
controlled airspace and reporting points, designation, Federal aviation regulations, 01952
controlled airway traffic, stochastic model, 10023
enroute IFR altitudes over particular routes and intersections, minimum, 08287, 10507
instrument flight rules, off-airway routes, 10504
jet routes, establishment, Federal aviation regulations, 01952
navigable airspace, objects affecting, Federal aviation regulations, 01952
Airworthiness, *see* Aircraft.
Akron, Ohio:
area wage survey, 11580
impact of Federal policies on employment, poverty, and other programs, hearings, 06399
Alabama:
census portrait, 08906
climatological data, 01722
counties, population estimates, 03951
electric rate book, 10033
forest inventory statistics, Limestone-Madison County unit, 11795
forests, trends and prospects, 06672
land management for wild turkeys in Alabama, 05801
landings, fish and shellfish, 01636
microbial insecticides control forest tent caterpillar in southwestern Alabama, 00408
precipitation data, hourly, 02094
registry of minority contractors and housing professiomals, listing in selected cities, 00453
Alafia River and Valley:
hydrograph simulation models of Hillsborough and Alafia Rivers, Fla., 01256
Alamitos Creek:
flood plain information, Santa Clara County, Calif., 00300
floods, Santa Clara County, Calif., 01125
Alamosa Area, Colo.:
soil survey report, 07037
Alarm systems:
minimum security devices and procedures for Federal reserve banks and State member banks, regulations, 03375
Alaska:
Alaska's fishery resources, Dungeness crab, 09548
Arctic winter games to be held in Alaska, authorize appropriations, hearings, 00140
Arctic winter games, authorization, law, 04006
census portrait, 08907
climatological data, 01723
collection and identification of presmolt Pacific salmon in Alaska guide with illustrated key, 08145
comprehesive water pollution control program, 11720
dental services for American Indians and Alaska natives, 05468
hunting seasons, limits and shooting hour schedules, Federal regulations, 04740
inscribe name on walls of Lincoln National Memorial, report, 06331
national airport system plan, 1972, Alaskan region, 04394
national program for continuing environmental monitoring for marine leg of Trans-Alaska pipeline system, 06973
native land claims act, amend, hearings, 09084
native land claims settlement, disposition of D-2 land set aside under act, hearings, 08401
natives, preparation for health career advancement, GED testing, high school equivalency diploma, 07892
ostracodes from Lower Devonian formations, 04478
quality of surface waters, 04485
registry of minority contractors and housing professionals, listing in selected cities, 00457
SK-5 air cushion vehicle, operational evaluation, 05305
snow surveys, 02003
trans-Alaska oil and gas pipeline, authorize–law, 06152
report, 02980, 03076
trans-Alaska pipeline, aquatic organisms from selected sites along proposed corridors, 09344
trans-Alaska pipeline corridor, field water quality information, Sept.1970- Sept.1972, 04465
trans-Alaska pipeline system, channel erosion surveys along proposed TAPS route, Alaska, July 1971, 05425
water resources developments and navigational improvements–hearings, 05181
Alaska Power Administration:
annual report, 00731
public works appropriations, 1975, hearings, 09813
Alaska Village Demonstration Projects:
report to Congress on facilities for safe water and water pollution control, 06536

Albania:
background notes, 08227
Albemarle County, Va.:
floods, how to avoid damage, 11463, 11467
Alberta, Canada:
crude oil, distillate of Swan Hills (south field), compound-type separation and characterization studies, 07993
Albuquerque, N. Mex.:
daily weather and river bulletin, 01857
minority construction contractors and housing professionals, listing, 08633
Alcohol:
abuse and alcoholism prevention, treatment, and rehabilitation act, amend, report, 08360
alcohol & health notes, 01637
alcohol and disorientation-related responses, 00047
radiation chemistry of ethanol, 09514
revenue rulings, etc., internal revenue bulletin, cumulative, index-digest system, 01687
tax-free, distribution and use, code of Federal regulations, 02838
see also Alcoholism.
military drug and alcohol programs, review, hearings, 09191
Alcohol, Drug Abuse, and Mental Health Administration:
appropriations, 1975, hearings, 10678
Alcoholic beverages, *see* Liquors.
Alcoholism:
alcohol & health notes, 01637
alcohol abuse and alcoholism prevention, treatment and rehabilitation act, amend, report, 08360
alcohol and you, HSMHA employee health program on alcoholism, 01638
alcohol, health and research world, 01639
conference of vocational rehabilitation and State alcoholism agency directors on coordinated rehabilitation service for people with alcoholism, proceedings, 00623
diversion of public inebriate from criminal justice system, 09432
getting drunk doesn't make you tall, etc. (colored poster), 08126
HSMHA supervisor's guide on alcohol abuse, 01200
military drug and alcohol programs, review, hearings, 09191
mental health, alcohol abuse, drug abuse, and mental retardation, definitions and terms, 09539
State and local problems and rehabilitation programs to combat, hearings, 07553
suicide, homicide and alcoholism among American Indians, guidelines for help, 01461
Uniform alcoholism and intoxication treatment act, draft of law recommended for enactment by all States, 09953
see also Alcoholism.
Alcorn, Claude V.:
relief, 03128, 04982
Aldehydes:
aldehyde and reactive organic emissions from motor vehicles, 00028-9
development of instrumentation for measurement of stationary source, 05324
Alfalfa:
particulate emissions from alfalfa dehydrating plants, control costs and effectiveness, 06563
Algae :
algal assay procedure, bottle test, 07723
biological models of freshwater communities, 01150
effect of phosphorus removal processes on algal growth, 06545
measurements of mercury sorption by algae, 09575
nuisance algal growth, development of selective algaecide to control, 04359
organic nutrient factors effecting algal growths, 00326
Algebra:
simple algebraic structures for problems in linear anisotropic elasticity, solution graphs, 03693
symbolic algebraic languages, introduction, 04704
Algicides:
selective algaecide to control nuisance algal growth, development, 04359
Algona, Iowa:
certain property conveyed fro airport purposes, release restriction on use, report, 03165
Algorithms, *see* Arithmetic–Mathematics.
Aliens:
alien child adopted by unmarried citizen, grant same immigrant status as one adopted by citizen and his spouse–
report, 02989
code of Federal regulations, 07809
contracting for alien personnel by U.S. Embassy, Vietiane, Laos, hearings, 10701
foreign medical students in Americas, 07873
labor program in Guam, hearings, 04130
resident, foreign tax credit, 03447
taxation of foreign persons, summary of Administration recommendations, 07496
United States tax guide for aliens, 03464
Alignment:
systematic study of focal ratios and effects of optical misalignment for LST, 11136
vehicle misalignment prediction and vehicle/experiment pointing compatibility assessment, 11116
Aliso Water Management Agency:
sewage treatment facilities in Orange County, investigation, 10007
Alkalies:
absorption of SO2 by alkaline solutions in venturi scrubber systems, 01159
EPA alkali scrubbing test facility, sodium carbonate and limestone test results, 01160
Alkaline earths:
phase relations in alkaline earth fluoride-yttria systems, 11633
Alkalis:
Alkanes, *see* Paraffins.
Alkyl benzene sulfonates, *see* Sulfonates.
All Africa Conference of Churches:
minority rule and regugees in Africa, role of All Africa Conference of Churches, hearings, 04099
All-Union, *see* Union of Soviet Socialist Republics.
All-Union conferences and congresses, *see* Union of Soviet Socialist Republics.
Allegheny County, Pa.:
floods, 11461
model cities program, comparative analysis of 2d round planning years, 03430
Allegheny Portage Railroad National Historic Site, Penn.:
general information, 04682

Allentown, Pa.:
area wage survey, 06797
Allergy:
dust allergy, 10285
food, 01465
Alliances:
veterans of nations allied with United States in World Wars 1 and 2, provide benefits, hearings, 00167
Allowances, *see* Pay, allowances, etc..
Alloys:
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
comparison of isothermal and cyclic oxidation behavior of 25 commercial sheet alloys, 10249
creep behavior of tantalum alloy T-222 at 1365 to 1700 K, 11146
elevated-temperature tensile properties of alloys based on intermetallic compound TiNi, 08069
eutectic superalloys strengthened by delta, Ni3Cb lamellae and gamma-l, Ni3Al precipitates, 05608
factors affecting miniature Izod impact strength of tungsten-fiber-metal alloy-matrix composities, 06874
fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, study, 03597
Fe-Cr binary alloys, solution chemistry in crevices, 10364
fracture extension resistance aluminum alloys in thin sections, 07004
gas turbine superalloys, effect of cyclic conditions on dynamic oxidation, 10248
high-strength nonmagnetic alloys, USSR STUDY, 06766
joining magnetic alloy stainless steel, technological spinoff report, 02849
low-alloy steels, determination of 8 minor elements by fluorescent X-ray spectrography, 01375
NASA-TRW VIA, B-1900, 713C, and 738X, isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base refractory alloys, 06888
new alloy for penny–
hearings, 10690
report, 06344
phase transformations and properties of alloys under high pressure, 03531
thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
thermostransport in liquid aluminum-copper alloys, 01414
see also Magnesium.
Almanacs:
air almanac, 06997
American ephemeris and nautical almanac, 05721
nautical calendar year, 11702
Alpine, Tex.:
flood control, engineer report–
departmental edition, 01101
document edition, 00852
Alsea, Oreg.:
soil survey report of area, 03747
Alternative Comprehensive Community Environmental Study System, *see* ACCESS.
Altimeters:
estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
Altitude:
auroral bremsstrahlung at balloon altitudes, 01398
calculator, altitude ML-646 (XE-1)/UM, design considerations, 03905
enroute IFR altitudes over particular routes and intersections, minimum, 08287, 10507
flight investigation of approach and flare from simulated breakout altitude of subsonic jet transport and comparison with analytical models, 11139
gravity gradients at satellite altitudes, 06988
high, meteorological data, report, 01863
high, water use by native grasses in Colorado meadows, 08274
molecular attenuation and phase dispersion between 40 and 140-GHz for path models from different altitudes, 00806
operation of aircraft under IFR, Federal aviation regulations, 01952
Alum:
addition to activated sludge with tertiary solids removal, 00335
Alumina:
aluminum oxide humidity sensor, laboratory study, 10272
Aluminum:
aluminum ingot and scrap in non-aluminum uses, 06464
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
damping contribution of elastomeric ablator on aluminum beams, 10215
disposal from national and supplemental stockpile, hearings, 06277
law, 10564
report, 00996, 04079
electrodeposition, from ether-hydride solutions, 07221
eutectic syperalloys strengthened by delta, Ni3Cb lamellae and gamma-l, Ni3Al precipitates, 05608
fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, study, 03597
fracture extension resistance–
alloys in thin sections, 07004
fretting of nickel-chromium-aluminum alloys at temperatures to 816° C, 09508
heavy-duty truss-web extruded aluminum airfield landing mat installation, 10815
high-velocity-oxidation performance of metal-chromium-aluminum and modified aluminide coatings on nickel alloys, 09595
imports and exports (monthly), 01643
industry, mineral industry survey, monthly, 01642
ingot and mill products, current industrial reports, 01846, 04916, 07262
J integral application to crack initiation in 2024-T 351 aluminum alloy, 10362
low-temperature heat capacity and high-temperature enthalpy of TiAl3, 11630
minerals yearbook chapter, 07982
primary industry, systems study of conventional combustion sources, 05330
regeneration of chromated aluminum oxidizers, 10840
tensile behavior of boron epoxy-reinforced 7075-T6 aluminum alloy at elevated temperatures, 00520
thermotransport in liquid aluminum-copper alloys, 01414
United States exports, statistics, 08532

Aluminum—Con.
United States imports, statistics, 07642
Aluminum Co. of America:
wage chronology, 11584
Aluminum foil:
converted, current industrial report, 11325
Aluminum oxides, *see* Alumina.
Aluminum Workers International Union:
wage chronology, 11584
Alvarez, Octavio Ortiz, *see* Ortiz-Algarez, Octavio
Alyeska, Alaska:
Girdwood-Alyeska area Alaska, geology and water resources, 11539
Amami-O-Shima:
synoptic meteorological observations, 11712
Amazon River and Valley:
measuring a mighty river, 08609, 10085
Ambassadors:
Ambassador at Large, nomination of U. Alexis Johnson, 09209
France nomination of John N. Irwin II, hearings, 09209
India, nomination of Daniel P. Moynthan, hearings, 09209
Iran, nomination of Richard Helms, hearings, 08485
Italy, nomination of John A. Volpe, hearings, 09209
United Nations, nomination of John A. Scali, hearings, 09209
Ambulance attendants:
medical information for air ambulance operators, 10021
Ambulances:
services and hospital emergency departments, conducting State and community surveys, guide, 10103
Ambulatory care, *see* Medical care.
AMC, *see* Army Materiel Command.
Amchitka Island:
hydraulic tests in hole UAe-2, 04468
Amedeo, Paul C.:
relief, 11367
American Battle Monuments Commission:
annual report, 09243, 09967
appropriations, 1974—
hearings, 00198
report, 02967, 06229
appropriations, 1975, hearings, 09811
assume control of overseas memorials, authorize—
law, 06197
American buffalo, *see* Bison.
American Business Day:
designate, report, 09169
American Falls Dam:
Minidoka project, replace
hearing, 04113
law, 06172
report, 06248
American Historical Association:
annual report—
departmental edition, 04813
document edition, 06218
American history, *see* Military history.
American holly, *see* Holly.
American Hospital of Paris:
act to incorporate, amend—
law, 09006
report, 03243
American Indian, *see* Indians.
American Indian Policy Review Commission:
establish—
hearings, 04217
report, 06333
American Indians, *see* Indians.
American Instructors of Deaf, Convention, *see* Convention of American Instructors of Deaf.
American Legion:
convention, 1973 proceedings, 09015
American Marketing Association:
directory of minority business resources, 07323
American Nuclear Society:
gas-cooled reactors, HTGR and GCFBR, meeting proceedings, 11310
American republics, *see* American states
foreign medical students, 07873
Inter-American series, 03768, 05819-20, 11251
American Revolution, *see* Revolution, 1775-83.
American Revolution Bicentennial Administration:
establish—
law, 04025
report, 03083, 03183
American Revolution Bicentennial Commission:
above ground archaeology, 05983
appropriations, 1974, supplemental, hearings, 06366
American Samoa:
juridisdiction of submerged lands, establish, hearings, 09081
matters relating to, informal discussion—
hearing, 00137
shipping between Hawaii, Guam, American Samoa, or Trust Territory of Pacific Islands, prevent interruption—
hearings, 06376
American Shipbuilding Commission:
appropriations, 1974—
hearings, 00198
report, 02967
report, 03891-4
American Society of Civil Engineers:
preliminary report on engineering evaluation of virus hazard in water, 09318
American states:
American republics, government supported research on foreign affairs, inventory, 09619
foreign medical students, 07873
good partner policy for Americas (address), 11777
inter-American relations, collection of documents, legislation, etc., 03108
inter-American series, 03768, 05819-20, 11251
American Telephone and Telegraph Company:
Long Lines Department and Communications Workers of America, wage chronology, 11582
American War Mothers:
charter, amend—
law, 10574
report, 06327
American woods, *see* Wood.
Americas, *see* American republics-American states.
Amines:
development of instrumentation for measurement of stationary source, 05324
stability constants of metal coordination compounds, complexes of diethlenetriamine, 07996
Ammonia:
air pollution engineering source evaluation of ammonia oxidation plant, 09986
ammonia-nitrogen removal by breakpoint chlorination, 07762

Ammonia–Con.
ammoniacal scrubbers to remove sulfur oxides from waste gas, evaluation of equations for designing, 11480
nitrogen removal from wastewater by ammonia stripping, 07761
radiation chemistry of gaseous ammonia, 06910
Ammonium nitrate:
toxic fumes from explosives, ammonium nitrate-fuel oil mixtures, 11062
Ammunition:
improving DOD's annumition logistics by effective central control, GAO report, 06679
Amnesty:
grant under certain conditions to persons who refused to serve in Armed Forces during war in Southeast Asia, hearings, 10708
Amphetamines:
effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
use, distribution, and control, analysis, 06466
Amphipods:
hyperiidea, families and genera (Crustacea, Amphipoda), 08205
revision of corophiidae and related families (Amphipoda), 00631
systematics of subterranean amphipod genus Stygobromus (Gammaridae), species of Western U.S., 09609
Amplifiers:
amplifier noise, considerations for precise measurement, 01422
gas dynamic CO2 laser, design, amplification factor, USSR study, 05511
responsivity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, investigation, 04622
twelve hundred to thirteen hundred MHz 100-watt transistor power amplifier, 10363
VUS-12-2 auxiliary amplifying stations, USSR study, 07934
Amplitude modulation:
radios in interstate commerce or imported, AM and FM broadcast capability, require, hearings, 10762
AMS, *see* Agricultural Marketing Service.
Amtrak, *see* National Railroad Passenger Corporation.
Amusements:
amusement parks, vehicle behavior in and around complex sources, 07782
Anaerobes:
anaerobic bacteriology, CDC laboratory manual, 07290
Analog computers, *see* Electronic computers.
Analysis:
HUD-FHA underwriting analysis handbook, 05451
see also Chemical analysis–Dimensional analysis.
Analysis (mathematics), *see* Mathematics.
Analysts:
driver improvement analyst, basic training program–
course guide, 01445
instructor's lesson plans, 01446
student study guide, 01447
see also Management analysts.
Analytical Methodology Information Center:
operation, 00328
Analyzers:
and testers, Federal item identification guide, 04323, 07631
atmospheric analyzers, guide for evaluation, 10851
phosphate, nitrate and alkyl benzene sulfonates (ABS) determination in water with auto analyzer, 10385
total hydrocarbon analyzer for evaluationg life of charcoal beds, feasibility, 11207
Anatomy:
on tolerance of human body to extreme heat peculiarities of influence of training of different types, USSR study, 11013
response variations of microphone worn on human body, 01381
ANC bulletins:
status and availabilty of Military handbooks and ANC bulletins for aircraft., 01195
ANCOM, *see* Andean Common Market.
Andean Common Market:
implications for U.S. business, 03298
Andersen, Hans C.:
portrait of a poet, 11589
Anderson, Glenn E.:
nomination, hearings, 04193
Andorra:
background notes, 03760
Androscoggin River:
pollution report, 11738
Anemia:
equine infectious anemia (swamp fever), questions and answers, 04789
Anesthesia, *see* Anesthetics.
Anesthetics:
efficacy of quinaldine sulfate M-222 mixtures for anesthetization of freshwater fish, 05812
preparation, propeties, and efficacy of quinaldine sulfate as improved fish anesthetic, 05810
residues of MS-222, benzocaine, and their metabolites in striped bass following anesthesia, 05811
residues of quinaldine and MS-222 in fish following anesthesia with mixtures of quinaldine sulfate, 05812
Anesthetists, *see also* Nurse anesthetists.
Angara River and Valley:
medical and geographic aspects of long-term economic development, USSR study, 07932
Angle of attack:
finned missiles at large angles of attack, analysis of rolling motion, 05729
flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction angle of attack sensor, 05630
Angles:
sharp- and blunt-nose streamwise corners shock waves and boundary layer interaction, 10234
Angola, *see* Portugese West Africa.
Angular momentum:
and aircraft-store separation problem, 05733
graphical recoupling, 03633
Anhydrators, *see* Dryers (industrial).
Animal and Plant Health Inspection Service:
APHIS series, 05984-5, 07163
consumer protection would be increased by improving administration of intrastate meat plant inspection programs, GAO report, 06677
Animal waste, *see* Waste products.
Animals:
animal feedlots, control of pollution, hearings, 08393
Animal health research act, hearings, 08378

Animals–Con.
animal health research funding, report, 10611, 10613
electromagnetism signalling in animate nature, USSR study, 11562
electrophysiological research, feline head-holder and body-restrainer for use in chronic visual, 06823
endangered species, hearings, 09200
implanting monopolar cortical electrodes in large laboratory animals, modified methods, 07957
resource facilities, cost analysis and rate setting manual, 08778
signal (biological) fields and their significance, USSR study, 09402
see also Diseases of animals-Livestock.
Animas River:
interstate pollution, Colo., N. Mex., 11752
Anisotropy:
highly texturized permanent magnets from magnetically anisotropic powders, production, USSR study, 01337
solution graphs, simple algebraic structures for problems in linear anisotropic elasticity, 03693
Ann Arbor:
discharges from combined sewers and storm sewers, tabulations from survey, 11749
Annelids:
oligochaeta, marine flora and fauna of Northeastern United States, 01481
Annette Island:
Alaska, airport, Federal aviation regulations, 01951
Annual (plants):
flowering, growing, etc., 02815
Annual leave, *see* Leave of absence.
Annuitants, *see* Civil service.
Annuities:
increase certain annuities for civil service retirement, report, 02987, 06228
Railroad retirement act, amend revise annuity eligibility conditions, law, 00841
tax-sheltered annuity plans for employees of public schools and certain tax-exempt organizations, 03463
see also Civil service pensions.
Anodes:
Federal item identification guide, 05223
Anomalies:
geophysical anomalies, discrimination with aid of self-learning filters, USSR study, 05522
Ansonia, Conn.:
flood plain information, 07689
Antarctic regions:
Antarctic journal of United States, 01648
Antartica exploitation, basic problems, USSR study, 08655
bulletin of Soviet antarctic expedition, selected translations, 07926
chemical profile of Ross Ice Shelf at Little America V, Antarctica, 07675
Antartica, *see* Antarctic regions.
Antenna horn:
cut-off corrugated horn surface properties, parametric study, 03586
Antennas:
antenna temperature dependence on polarization of emitted radiation of scanning microwave radiometer, 06981
antenna temperature measurements, efficient technique for determining apparent distributions from, 03582
antenna-window materials, candidate space-shuttle thermal-protection-system, high-temperature dielectric properties, 11129
aperture excited dielectric antennas, 11121
complex permittivity measurements during high temperature recycling of space shuttle antenna window and dielectric heat shield materials, 01391
computing static deflections of structural cable arrays, 08174
edge diffracted caustic fields, 11089
finite-size phased antenna arrays of circular waveguide elements, 10259
HF high-power vertically directed array for ionospheric modification, 06124
high temperature antennas for space shuttle, investigation, 04601
patterns and polarizations of simulated conformal arrays, 08172
radiation and scattering by thin-wire structures in complex frequency domain, 11088
stereo antenna patterns from principal plane patterns, 05740
structures, construction, lighting, and marking, FCC rules and regulations, 01955
Anthracite, *see* Coal.
Anti-friction bearings, *see* Bearings (machinery).
Anti-Semitism, *see* Jews.
Antidiscrimination, *see* Discrimination in housing.
Antidotes, *see* Poisons.
Antifriction bearings, *see* Bearings (machinery).
Antimony:
mineral industry survey, quarterly, 01649
Antitrust laws, *see* Trusts (industrial)-Trusts (industrial):.
Ants:
ants in home and garden, how to control them, 05940
imported fire ant, rural and residential pest, 03859
Anus:
invagination of colon with prolapse through anus in golden Syrian hamster, 04843
Anxiety:
susceptibility to anxiety and shift difficulty as determinants of state anxiety in air traffic controllers, 07250
AOML, *see* Atlantic Oceanographic and Meteorological Laboratories.
Apartment houses:
market absorption of apartments, current housing reports, 01845
multifamily housing, minimum property standards, 06726
two-bedroom apartment over garage, 08278
APCL, *see* Atmospheric Physics and Chemistry Laboratory.
Apertures:
aperture excited dielectric antennas, 11121
small aperture testing for airfield pavement evaluation, 07715
APHIS, *see* Animal and Plant Health Inspection Service.
Apollo project, *see* Project Apollo (man-in space program).
Apollo spacecraft, *see* Spacecraft.
Appalachian National Scenic Trail:
general information, 01486
Appalachian region:
Appalachian experiment, 10509
development act, amendments, 09855
significance of sweep in Appalachian hardwood sawlogs, 06648

Appalachian Regional Commission:
investment strategy, task force report, 08892
public works appropriations, 1975, hearings, 11392
Appalachian Regional Development Commission:
public works appropriation, 1974, waiving points of order, report, 02969
Apparel, *see* Clothing.
Appeals:
appellate review of sentencing, reform of Federal criminal laws, hearings, 07547
design and administration of adverse action and appeal systems need to be improved, GAO report, 07839
tax refunds, appeal rights and claims, audit of returns, 04506
Appellate courts, *see* Circuit Courts of Appeals.
Appellate proceedings, *see* Appeals.
Applicators:
applicator for granular systemic insecticides in cottonwood nurseries and plantations, 05396
Appointments, *see* Civil service.
Apportionments:
population tabulation plan for State legislative apportionment, hearings, 07441
proposed elimination of apportionment requirement for appointments in departmental service in District of Columbia, GAO review, 06691
Appraisal, *see* Valuation.
Apprentices:
apprentice training, sure way to skilled craft, 11035
national apprenticeships and training standards for orthotic and prosthetic technicians, 03898
Apprenticeships, *see* Apprentices.
Appropriations:
general Government matters, 1973, continue, law, 00843
general Government matters, 1974, continue–
law, 02946
report, 03013, 03033, 03168
hearings, 06271
legislative, 1974–
impoundment control and 1974 expenditure ceiling, 02974
law, 04988
report, 02974
legislative, 1975–
hearings, 09048
report, 09784
legislative, supplemental, 1973 and 1974, proposal, 06316
supplemental and indefinite appropriations for fiscal years 1973 and 1974, proposals, 09873
supplemental, 1974–
hearings, 05052, 06366-7, 08380-1, 09909
law, 06198
proposal, 06215
report, 02976, 03097, 05100, 07383, 08449, 09759, 09786
see also Agriculture–Defense Department–Interior Department–Labor Department–Public works–Transportation Department.
Appropriations Committee, House:
hearings, 00119-21, 00917-20, 03100-3, 04084-6, 05050-2, 06270-1, 07386-7, 08379-81, 09046-7, 09049-50, 09800-16, 10678-85, 11391-2
report, 02967, 03013, 03025, 03096-7, 04066, 05035, 06224, 07383, 08371, 09784, 10674-5
Appropriations Committee, Senate:
additional expenditures for routine purposes, authorize, report, 10746
hearings, 00198, 01011-5, 03245, 05110-4, 06362-7, 08470, 09186-7, 09909
report, 00992, 03147, 03168, 03186, 05100, 06322, 08449, 09139, 09141, 09891
Apricots:
canned and canned solid-pack, U.S. standards for grades, 11290
Aprons:
aprons, dresses, and skirts, Federal item identification guide, 00256
Aptitude tests:
armed services vocational aptitude battery scores from answer sheet and answer card administration, comparability study, 09674
battery of performance tests for prediction of aerospace-ground equipment course grades, validation, 07143
electronic career ladder evaluation project, Air Force, aptitude requirements study, 07144
validity of Armed Services vocational aptitude battery, form 1, to predict technical school success, 02829
see also Mental tests.
Aptos Creek:
flood plain information, Aptos, Calif., Santa Cruz County, Calif., 01112
floods on Aptos Creek, 01135
Aquariums:
Federal assistance for zoos and aquariums, provide–
hearings, 08518
oceanariums provide aquatic excitement for visitors of all ages, fish-eye view of USA, 08876
Aquatic environment, *see* Environment.
Aquatic insects:
water quality requirements, 04358
Aquatic life:
aquatic ecological terms, glossary, 03827
aquatic organisms from selected sites along proposed trans-Alaska pipeline corridor, 09344
aquatic primary productitity (photosynthesis) determination in Lake Koocanusa, Mont.–
by carbon-14 light and dark bottle method, 04463
chemistry of organomercurials in aquatic systems, 06543
heated water effects on aquatic life,, 08869
methozychlor effects on aquatic biota, 06548
oceanariums provide aquatic excitement for visitors of all ages, fish-eye view of USA, 08876
salinity problems of organisms in coastal areas subject to effect of engineering works, 07712
Aqueous solutions:
for removing NOx from flue gases, addendum, 04370
intermediate moisture foods, controlling amount of internal aqueous solution, 04849
radio-frequency and microwave electromagentic fields effect on enzyme-substrate reaction in aqueous solutions and organic solvents, USSR study, 09409
Aquifers:
analysis of aquifer response for Sterling event, Tatum Dome, Lamar County, Miss., 04892

Aquifers–Con.
effects of plugging on concentration of chloride in water in water-table aquifer at Highland Estates Lee County, Fla., 00432
hydrogeologic characteristics of Valley-fill aquifer in Brighton Reach of South Platte River Valley, Colo., 01255
Sokoto basin, northwestern Nigeria, with description of general hydrogeology, 08618, 10090
valley-fill, hydrogeologic characteristics in Brighton reach of South Platte River Valley Colo., 04469
water from coastal plain aquifers in Washington, D.C., metropolitan area, 10943
Arab countries:
impact of Arab-Israeli conflict on U.S. oil shortage, report of study mission to Middle East, 06301
Arab Republic of Egypt, *see* United Arab Republic (Egypt).
Arab world, *see* East (Middle East).
Arapaho National Forest:
designate as part of Eagles Nest Wilderness, report, 00998
Arbitration, *see also* Industrial arbitration.
Arc (electric), *see* Electric arc.
Archaeology:
above ground archaeology, American Revolution Bicentennial, 05983
Archeologists:
training courses in conservation/restoration, International Centre for Study of Preservation and Restoration of Cultural Property, 04771
Archeology:
exhibition of archeological finds of People's Republic of China, U.S. indemnification for loss to China–
report, 09899
law, 10582
report, 09899, 11383
historical and archeological data preservation–
hearings, 04112
report, 09790
National Park Service publications, 10334
Archery:
tax on bows and arrows to provide wildlife restoration funds, report, 09904
Architect of Capitol:
appropriations, 1974, supplemental, hearings, 06367
report, semiannual, 08446
secure storage space for, authorize–
law, 04026
report, 03176
Architects:
architect-engineer contract with Defense Dept., how to obtain consideration, 04324
training courses in conservation/restoration, International Centre for Study of Preservation and Restoration of Cultural Property, 04771
Architecture:
agricultural buildings and structures, designs, grainaries and grain dryers, USSR study, 08661
architectural guidelines to promote efficient energy use, hearings, 05083
architectural processing and inspections for home mortgage insurance, 07884
design guide for improving residential security, 08622
design, siting and construction of low-cost housing and community buildings to better withstand earthquakes and windstorms, 06903
documenting legacy, 40 years of Historic American Buildings Survey, 07954
employee-attitude and office environment analyses for development of human and architectural requirements, 09985
engineering and design, food service facilities, 03918
fencing, architectural and related products, Federal item identification guide, 04315, 07619
historic preservation in San Francisco's inner mission, 07880
HUD awards for design excellence, 01290, 09371
improving residential security, design guide, 08622, 10104
lucky landmark, study of design and its survival, Galveston Customhouse, Post Office, Courthouse of 1861, 08187
Massachusetts Avenue, Northwest Washington, District of Columbia, 04420
standard plans for highway bridges, 04407
surveys, maps and construction plans, emergency construction, 06006
terminal navigational facilities site requirements, airport design standards, 02837
Archives, *see also* Records.
Archivist of United States:
briefing, hearing, 04136
Arctic regions:
arctic terrain characteristics data bank, description, 07679
arctic winter games, authorization–
hearings, 00140
law, 00406
report, 03045
water balance in arctic and subarctic regions, bibliography, 01103
Area handbooks:
Aghanistan, 00741
Bolivia, 11300
Chile, 11301
Haiti, 06004
Hungary, 04863
Ivory Coast, 04862
Nepal, Bhutan, and Sikkim, 04861
Yugoslavia, 06003
Area wage surveys, *see* Wages.
Armed Services Committee, Senate:
report, 03228
Argentina:
economic trends and their implications for United States, 10140
mineral industry, minerals yearbook chapter, 11047
Argon:
high pressure argon ionization chamber systems for measurement of environmental radiation exposure rates, 02854
Arikara Indians:
reading list, 00462
Arithmetic:
algorithm for calculating multiphase chemical equilibrium, 04584
Arizona:
census portrait, 08908
counties, population estimates, 06086
precipitation data, hourly, 02095
provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417

Arizona—Con.
registry of minority contractors and housing professionals, listing in selected cities, 00456
releases of parasites for suppression of pink bollworms, 05922
water supply outlook and snow surveys, 02744
Arkansas:
census portrait, 08909
climatological data, 01725
Arkansas forest industries, 00420
Arkansas River basin compact, agreement with Oklahoma, consent of Congress, law, 02955
Grand (Neosho) River investigation for supply and pollution, 10380
loblolly pine fecundity in south Arkansas, 00410
precipitation data, hourly, 02096
registry of minority contractors and housing professionals, listing in selected cities, 00455
South Carolina best of 36 loblolly pine seed sources for southern Arkansas, 05407
water quality standards summary, 10060
Arkansas River and Valley:
and tributaries above John Martin Dam, Colo., engineers report—
departmental edition, 06487
document edition, 06213
Arkansas River water basin news, 02458
basin compact, interstate agreement, consent of Congress, law, 02955
Chocktaw Nation, Chickasaw Nation, and Cherokee Nation rights and interests in and to bed of Arkansas River—
law, 06162
floods, 07671
report, 11410
Arlington, Ill.:
Burlington Northern, Inc., railroad accident investigation summary report, 07020
Armaments, *see* Munitions.
Armed Forces:
appropriations, 1975, military procurement—hearings, 10687
armed services papers, 03104-5, 05053-4, 06274-9, 07389, 08382-5, 09052-6, 09817-22, 10686-9, 11393-6
cost of living increases for certain retired officers, provide—
law, 08342
report, 03233
defense procurement circular, 01869
Dependents assistance act, amend, hearings, 09819
dependents, overseas, education by Defense Dept. and independent American schools, 09062
driver, traffic safety magazine for military driver, 01890
Federal income tax information, 1973 returns, 06792
foreign equivalents of United States military titles, 04500
former prisoners of Vietnam war, free admission to certain units of national park system and national recreational areas, authorize—
hearing, 04227
government personnel (civilian and military), customs highlights, 04265
manpower authorization, 1975, hearings, 09189
medical officers, revise special pay sturcture, report, 06350
members, special pay bonus structure, revise, hearings, 08382
military drug and alcohol programs, review, hearings, 09191
military personnel sample survey procedural guide, 08289
military personnel, appropriations, 1974, hearings, 00119
military personnel, operations and maintenance, appropriations, 1974, hearing, 03100
personal property traffic management regulation, 06453
petroleum products, cutoff to U.S. military forces, hearings, 09931
policy, troops, and NATO alliance, report, 09910
procurement quality assurance, 03260
procurement regulations, 01620, 01655
procurement, appropriations, 1974, hearings, 00917
research, development, test, and evaluation, appropriations, 1974, hearing, 03101
reserve forces, appropriations, 1973, hearings, 00919
retirement pay for armed services officers cost-of-living adjustment, report, 10607
School of Military Science, officer input, feasability of developing procurement stragety, 07140
Soviet finance services during war, USSR study, 09387
special pay bonus structure, expand and revise, hearings, 07466
special pay bonuses for members of Armed Forces—
law, 10576
report, 08368
tax treatment of members of Armed Forces and civilian employees who are prisoners of war or missing in action, and amendments, 05098
tax treatment of survivor benefit plans of uniformed services, report, 03153
travel and transportation allowance to certain members of uniform services in connection with leave, authorize, report, 03239
travel and transportation allowance to certain members of uniformed services in connection with leave, authorize—
law, 06176
travel and transportation allowances in connection with leave, authorize for certain members—
hearings, 07389
U.S. Forces in NATO, hearings, 06300
U.S. military commitment to Europe, hearings, 06386, 08922
uniform original enlistment qualifications for male and female persons, establish—
hearings, 11394
law, 10583
uniformed services, joint travel regulations, 02191, 07634
validity of Armed Services vocational aptitude battery, form l, to predict technical school success, 02829
vocational aptitude battery scores from answer sheet and answer card administration, comparability study, 09674
see also Pay, allowances, etc.—Reserve components of Armed Forces—Retirement.
Armed Forces Institute:
bulletin, 04328

Armed Forces Institute–Con.
correspondence courses offered by participation colleges and universities (PC&U), 05199
Armed services, *see* Armed Forces–Drug abuse.
Armed Services Committee, House:
calendar, 02208
committee print, 00921, 05054, 06273-4, 06276, 08384, 00905
hearings, 00199-201, 00202, 01013, 01016-7, 04187-9, 05115-8, 07466-7, 08471-2, 09188-91, 10751-6
report, 00990, 00996-7, 01003, 03150, 03184, 03226-8, 03229, 03232-3, 03239, 04169, 06323, 06349-50, 09150, 09174, 09893
Armor:
concrete units for protection against wave attack, 07713
Armor obstacle 2 project, *see* Project Armor obstacle 2.
Armor plate:
armor pentration problem, use of maximum likelihood method under quantal responses for estimating parameters of normal distribution and its application, 05742
Armored tanks, *see* Tanks (combat vehicle).
ARMS, *see* Aerial radiological measuring system.
Arms (firearms), *see* Firearms–Munitions.
Arms control, *see* Disarmament.
Arms Control and Disarmament Agency:
annual report, 09750
appropriations, 1974–
hearings, 00198
report, 06229
appropriations, 1975-76, authorization–
hearings, 09207, 09828
appropriations, 1975–
hearings, 10679
telephone directory, 07051, 08854
you and ACDA, 00734
Arms Limitations, US-USSR Consultative Commission, *see* US-USSR Standing Consultative Commission on Arms Limitations.
Army:
Adjutant General's Corps...AG, 04830
airfield-heliport, operational and maintenance facilities, technical manual, 04870
Army aviation RDT&E plan, 02839
Army fallout prediction accuracies and optimum wind soundings, 03904
Army lawyer (periodical), 01658
Army logistician (periodical), 01659
aviation digest, 02715
aviation facilities planning, 07174
claims, information and reference material for military lawyer, pamphlet, 04856
commanders call support materials, 01781
Continental Commands, 1821-1920, preliminary inventory of records, 05642, 08086-7
foreign area officer, statesman specialty, 11303
formal schools catalog, 07171
Judge Advocate legal service, pamphlets, 02200
manual for courts martial annotation, 04855
Marxism-Leninism on war and army, Soviet view, 08282
military personnel office management and administrative procedures, 03909
military tenant in Germany, 10510
personnel, tips magazine, 02651
project development brochures, functional requirements, 10511
recruiting and career counseling journal, 02532
research and development, news magazine, 01660
reserve officers, maximum time of active duty that may be required to be performed on completion of training at educational institution, eliminate–
law, 04018
hearings, 09053, 09821
report, 03054, 03227
soldiers, official Army magazine, 02601
Special Forces, 1961-71, Vietnam studies, 04880
supply and service company, supply and transport battalion, 00737
travel regulations, 02191, 07634
United States Army in World War II, 07966
your personal affairs, pamphlet, 02840
your retirement from the Army and Air National Guard, 05665
see also Military history-National Guard.
Army Air Mobility Research and Development Laboratory:
technical notes, 00743
technical reports, 00035-41, 00744-6, 02841, 04874-9, 06009-11, 06009-22, 07179-202, 08293-6, 08893-4, 11304-5
Army Audit Agency:
pamphlet, 11302
Army Cold Regions Research and Engineering Laboratory, *see* Cold Regions Research and Engineering Laboratory.
Army Combat Developments Command:
Arrowhead (periodical), 01662
Army Department:
appropriations, 1974, military construction–
hearings, 00120, 01013
appropriations, 1974, supplemental civil functions, hearings, 06367
Assistant Secretary for research and development, nomination of Norman R. Augustine, hearing, 01017
Assistant Secretary, nomination of David Lowe, hearings, 10755
chiefs and executives, organization chart, 02082
comptroller's guide, 07169
concrete structural design for buildings, 04867
field manual, 00737, 03907, 04831, 05993-5, 08288
frozen cooked food survey, Army potential requirements, 05265
hearings, 00120
historical summary, fiscal year, 05992, 11299
management information systems, 00739
management information systems, data processing installation review/evaluation, checklist, 05997
management information systems, information processing systems exchange, 05998
Natick Laboratories technical reports, 04832-54
pamphlets, 00738-9, 00741-2, 02200, 03908-10, 04855-65, 05996-6005, 07168-71, 08289, 09681, 10510, 11300-1
review and analysis, 07168
technical manual, 03911-22, 04866, 04868-72, 06006-8, 07172-8, 09682, 10511-2
Under Secretary, nomination of Herman R. Staudt–
hearing, 01016
work simplification handbook for analysts, 05996
Army Electronics Command:
research and development technical report ECOM series, 03900-6, 04822-9

Army Emergency Relief:
educational loan program, 03910
Army Engineer Division, North Pacific:
technical report, 09266-8
Army installations, *see* Installations (military):
Army Library:
selected current acquisitions, 02581
Army Materiel Command:
AMC pamphlets, 00735-6, 02564, 04821, 05990
AMC publications, and blank forms, index, 00735, 05990
contractors guide, 05991
reports and statistics, register of approved recurring RCS (Reports control symbols) reports, 04821
Army Medical Research and Nutrition Laboratory:
laboratory report, 09688
Army Memorial Affairs Agency:
appropriations, 1975, hearings, 09811
Army Missile and Munitions Center and School:
hazardous devices course, 00517
Army Mobility Equipment Research & Development Center:
news releases, 02473
Army National Guard, *see* National Guard.
Army Reserve:
Army Reserve magazine, 01661
Army Security Agency:
hallmark (periodical), 02078
ARNG, *see* National Guard.
Array theorem, *see* Antennas.
Arrest:
drug arrests abroad, notice, 10440
post-arrest drug trafficking, 01349
Arrowood Civilian Conservation Corps Center:
rename as Lyndon B. Johnson Civilian Conservation Corps Center–
law, 10587
report, 09889, 10663
Arroyo Calero Creek:
floods, Santa Clara County, Calif., 01125
ARS, *see* Agricultural Research Service.
Arsenic:
radiochemical separation procedures, 09701
Art:
Islam and the East, arts orientalis, 01244
national community arts program, 11553
Pacific Northwest, 1930's to present, 08764
training courses in conservation/restoration, International Centre for Study of Preservation and Restoration of Cultural Property, 04771
see also Paintings.
Artesian wells:
artificial-recharge experiments and operations on the southern high plains of Texas and New Mexico, 03416
effects of plugging on concentration of chloride in water in water-table aquifer at Highland Estates, Lee County, Fla., 00432
water levels and artesian pressures in Chad basin of northeastern Nigeria, 01273
see also Wells.
Artificial heart:
radioisotope thermal converter for artificial heart device, evaluation of practicability, 06059
totally implanted artificial heart, legal, social, ethical, medical, economic, etc. implications,, 04660
Artificial Heart Assessment Panel:
report, 04660
Artificial kidneys:
artificial kidney-chronic uremia program, seventh annual contractors conference, 06948
bibliography (periodical), 01663
hemodialyzers, evaluation of membranes, report for Artificial Kidney-Chronic Uremia Program, 06947
sixth annual contractors' conference of artificial kidney program, National Institute of Arthritis, Metabolism and Digestive Diseases, 06949
Artificial satellites, *see* Satellites.
Artillery:
effects of vertical wind on tactical rockets and artillery shells, 04824
Artists:
American artist and water reclamation, 00617
ARTS (advanced radar traffic control system), *see* Air traffic.
Arts and crafts:
evaluation of emissions and control technologies in graphic arts industries, 03883
Indian and Eskimo individuals marketing native American arts and crafts, source directory, 00473
Indian and Eskimo organizations marketing native American arts and crafts, source directory, 00472
oriental, Islam and the East, 01244
ADB, *see* Asian Development Bank.
Asbestos:
concentrations in or near sources, development of instrumental monitoring method for measurement, 05325
disintegration of Wolf Creek meteorite and formation of pecoraite, nickel analog of clinochrysotile, 10088
mineral industry surveys, 05572, 11041
Ascent propulsion, *see* Propulsion.
ASCS, *see* Agricultural Stabilization and Conservation Service.
Ashes:
pressure filteration of waste water sludge with ash fliter aid, 00340
Ashtabula, Ohio:
port, 09275
Asia:
East Asian and Pacific series, 07044
East Asian food composition table for use in East Asia, 03662
East Asian foods and nutrition, bibliography, 04663
Pacific Coast, tidal current tables, 01475
South and East, translations, 02673
South Asia and strategic Indian Ocean, bibliographic survey of literature, 04860
Southeast–
Americans missing in Southeast Asia, report, 09898
missing in action, hearings, 07400
narcotics situation in southeast Asia, 00130
numerical experiment on prediction of northeast (winter) monsoon, 01478
United States prisoners of war and missing in action, 07503
South, market profiles for Near East and South Asia, 04333
trade in Asian Pacific area and US economy (remarks), 07322
world trade outlook for Asia, 03301
Asian Development Bank:
appropriation for special payment, law, 04005
appropriations, 1974–
authorization, increase, request, 04040

Asian Development Bank–Con.
report, 05035, 09141, 09756, 09758
foreign assistance appropriations, 1974, hearings, 04084
participation by United States, increase, hearings, 07502
U.S. contribution and subscription, proposal, special report, 02965
U.S. contributions, increase, hearings, 06284
United States and muliteral development bank, 07405
Aspen, Colo.:
floods, Roaring Fork River and Castle and Hunter Creeks, Aspen, Colo., 00314
Asphalt:
atmospheric emissions from asphalt industry, 06562
emission regulations impact of environmental standards on small business, hearings, 09120
ASRDI, *see* Aerospace Safety Research and Data Institute.
Assassination of President Kennedy, President's Commission on, *see* President's Commission on Assassination of President Kennedy.
Assessments:
assessment, sales price ratios and tax rates, 1972 census of governments, 08904
technology assessments, candidates and priorities, survey of State officials, 11698
Assets and liabilities, *see* Banks and banking–Capital assets–Property.
Assiniboin Indians:
reading list, 00463
Assistance, *see* Public welfare.
Assistant Secretary for International Affairs Office:
Treasury Department, OASIA research technical report, 10477
Treasury Department, research balance of payments model, users manual, 10477
Astatine:
radiochemical separation procedures, 09701
Aster yellows:
leafhopper transmission of western aster yellows agent to potato and carrot in eastern Washington, 10491
Asthma:
general information, 05686
Astrogeology:
contributions to astrogeology (series), 04477
Astrometrical instruments, *see* Astronomical instruments.
Astronautics:
from spaceships to orbiting stations, development of Soviet cosmonautics, 06900
low-thrust engines for interplanetary flights, USSR study, 06786
see also Manned space flight.
Astronauts:
astronaut maneuvering units, comparison of results from two simulators used for studies, 06872
Skylab 3 mission–
hearings, 07448
Astronomical instruments:
control laws and actuator locations for control systems applicable to deformable astronomical telescope mirrors, 05614
determination of personal errors in observation of large planets with astronmetrical instruments, USSR study, 05510
Astronomical photography:
estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
facsimile-camera response to radiant point sources, analysis, 05622
spaceborne facsimile cameras, controls for drift, video gain, and color balance, 04620
Astronomy:
Astronomical phenomena, 05722
gamma astronomy, USSR study, 01327
Skylab experiments, astronomy and space physics, information for teachers, 04613
Soviet bloc research (periodical), 02603
spacelab astronomy missions, opportunities for participation in definition of one meter class ultraviolet-optical facility telescope, 11081
Astrophysics:
gamma-ray astrophysics, symposium proceedings, 08041
Ataturk, Kemal:
Ataturk and Turkey, 1919-38, bibliography, 10166
ATC, *see* Air traffic.
Athlete's foot:
ringworm, including athlete's foot, 00786
Athletes:
participation of Americans in international amateur competition, regulate–
hearings, 07484
report, 03149
proper and improper use of drugs, hearings, 04234
Athletic goods, *see* Sporting goods.
Athletics:
Amateur athletic act of 1973–
hearings, 07484
report, 03149
Atlanta, Ga.:
area wage survey, 00525
social and health indicators system, 08939
Atlantic Coast:
Atlantic Continental Shelf and slope, texture of surface sediments from New Jersey to southern Florida, 07860
bridges over navigable waters, 00803
coast pilot, Cape Henry to Key West, 01476
environmental conditions within specified geographical regions offshore, 00322
Atlantic Ocean:
Caribbean Atlantic geotraverse, NOAA-IDOE 1971, report, magnetic data, 10325
fisheries, annual summary, 08141
Gulf Stream, position of northern edge, etc., monthly summary, 02322
middle, western areas, fisheries, agreement with Union of Sovier Socialist Republics, 00678
middle, western region, fisheries, agreement with Polish People's Republic, 05837
national east coast winter storms operations plan, 03666
North–
Atlantic Ocean Stations protocol, amending, agreement, 00689
International Ice Patrol Service, report, 09716
Northwest Atlantic fisheries act, amend, report, 10657
Atlantic Oceanographic and Meteorological Laboratories:
collected reprints, 06596-7
NOAA technical report, ERL AOML series, 06976

564-800 O - 75 - 7

Atlantic Oceanographic and Laboratories – Con.
scientific and technical publications, 07785
Atlantic States:
Middle Atlantic fisheries, 06969
North Atlantic regional water resources study, 01505-28, 03694
Atlases:
catalog of copyright entries, 00247
EASTROPAC atlas, eastern tropical Pacific Ocean, 01470
Middle East, issues, 06102
volcanic ash, 10408
Atmosphere:
air atmosphere, effect on lubicating properties of graphite floride, 09509
airborne chemical elements in Spanish moss, 01263
atmosphere of Titan, 10214
atmospheric analyzers, guide for evaluation, 10851
atmospheric chemical reactions, existing needs in experimental and observational study, 00330
atmospheric chemistry, photochemical and rate data for 12 gas phase reactions, 06906
atmospheric effects on remote sensing of non-uniform temperature sources, 11094
atmospheric particulates, rapid and accurate measurement of nitrate and sulfate, methods, 07746
atmospheric photochemical reactions, generalized mechanism for describing, 09280
atmospheric water resources program, Project Skywater, annual report, 09600
circulation and dust content in Venusian atmosphere found from with velocity measurements by Venera-8 automatic interplanetary station, USSR study, 10990
controlled atmosphere system for testing gas monitors, 08003
detection of cyclohexanone in atmosphere above emplaced antitank mines, 10811
direct determination of metals in air, 06553
fifth ocean, water resources of atmosphere, USSR study, 03496
Martian termal boundary layers, subhourly variations induced by radiative-conductive heat transfer with dust-laden atmosphere-ground system, 03587
measure carbon monoxide in atmosphere, analysis of feasibility of experiment, 04602
mesoscale objective map analysis using weighted time-series observations of atmospheric circulation, 01477
observations of sun outside atmosphere, USSR study, 09424
optics of ocean and atmosphere, USSR study, 03499
pressurization system used to measure minor atmospheric constituents from aircraft, flight test, 08739
radiation characteristics of atmosphere and earth's surface, 11158
scattering and attenuation of electromagnetic radiation by atmospheric particles, 08083
sulfur oxides in atmosphere, effects on vegetation, 06546
through atmospheres of planets, USSR study, 05529
transsverse excited atmospheric lasers, investigation, 04822
upper and lower, coupling by infrared radiation, USSR study, 04550
see also Ionosphere.
Atmosphere Explorer, *see* Satellites.
Atmospheric entry:
Apollo experience report, thermal protection subsystem during entry at lunar-return velocities, 06897
performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests, 11135
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
Atmospheric gases, *see* Gases.
Atmospheric Physics and Chemistry Laboratory:
NOAA technical report, ERL APCL (series), 03669, 06978
Atmospheric pressure:
boiling water reactor, full length emergency core cooling heat transfer (BWR-FLECHT) tests project final report on atmospheric pressure stainless steel experiments, 07212
identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
on indirect pressure estimation from measurements of height and temperature, 03903
Atmospheric sounding, *see* Sounding (meteorology).
Atmospheric turbulence, *see* Turbulence.
Atolls, *see* Coral reefs and islands.
Atomic absorption:
methods of analysis of oilfield brines, barium, calcium, etc., 10197
simplified atomic absorption determination of stable strontium in milk and hay, 10829
Atomic auxiliary power generator:
SNAP-8 refractory boiler development program, 10206
Atomic clocks:
applications of atomic clock timekeeping accuracy (remarks), 07336
frequency standards and clocks, tutorial introduction, 11167
Atomic debris, *see* Radioactivity.
Atomic energy:
atomic transition probabilities, bibliobraphy, 05648
cooperation for civil uses, agreement with, Japan, 10442
cooperation for civil uses, suspending agreement with Norway, IAEA application of safeguards pursuant ot non-proliferation treaty, 07056
cross sections of proton-nucleus interactions at high energies, 11202
energy research and development, hearings, 08347
environmental impact of electrical power generation, nuclear and fossil, minicourse, 00045
from scientific research to atomic industry, USSR study, 03502
indemnity and insurance legislation, selected materials, 07244
intermediate energy proton-deuteron elastic scattering, 06863
International Atomic Energy Agency, statute, amendment, 00681
military applications of nuclear technology, hearings, 09007
nation's energy future, 04899
nuclear industry, 1973, report, 07240

Atomic energy—Con.
offshore nuclear power siting workshop deliberations and research recommendations, 10527
physical research program, research contracts and statistical summary, 04894
products, current industrial report, 00773
programs, operating and developmental functions, 08900
programs, regulatory activities, 08309
research and development, problems and prospects, 05142
scientific and technical cooperation for peaceful uses, agreement with, Union of Soviet Socialist Republics, 00674
teacher's guide for environmental impact of electrical power generation, nuclear and fossil, minicourse for secondary schools and adult education, 04896
title listing of civilian power reactor docket literature in nuclear science abstracts, 04889
utility staffing and training for nuclear power, 04893
Atomic Energy Commission:
AEC news releases, 01604
AEC research and development reports, 00043-6, 00747-55, 02842-61, 03923-6, 04881-99, 06024-66, 07203-42, 08298-307, 08895-8, 09689-704, 10517-28, 11307-10
annual report—
departmental edition, 08308, 08899
document edition, 09136-7
appropriations, 1974—
hearings, 00121, 01014-5
public works, hearings, 01015
report, 03210
supplemental, authorization—
hearings, 06367
law, 04012
report, 03071, 03078, 03210
appropriations, 1975—
authorization—
hearings, 07366
report, 09779, 09785
energy research and development, report, 08371
hearings, 09814, 10683
change name to Nuclear Energy Commission, hearings, 05067
energy research and development, special appropriations, 1975, hearings, 09815
energy research and development, 5 year, †10 billion program, hearings, 08347
environmental monitoring at major contractor sites, 06060
environmental research and development, summaries, 03926
Federal telecommunications system telephone directory, 06067
financial report, supplement, financial statements, uranium enrichment, 07243
financial report, 04900
supplement, 07243
Health and Safety Laboratory fallout program, quarterly summary report, 03924, 06041, 10519
appendix, 03925, 04884, 10519
procedures manual, 06042
improvement needed in program for protection of special nuclear material, GAO report, 06684
Oak Ridge, Tenn., site, bibliography on radioactive waste management, 04891
program in controlled thermonuclear research, survey, 04898
programs, regulatory activities, AEC annual report, 08309
progress and problems in developing nuclear and other experimental techniques for recovering natural gas in Rocky Mountain area, GAO review, 10936
public works appropriations, 1974—
hearings, 03245
report, 02969
public works appropriations, 1975, hearings, 09813, 10683, 11392
research and development laboratories, national resource 06057
rules and regulations, 01666
telephone directory, 03927
Atomic Energy Joint Committee:
committee print, 07244
hearings, 02956, 05001, 06199-201, 07366, 08347, 09007
report, 03071, 03210, 09779
Atomic fuel, *see* Reactor fuels.
Atomic physics:
transport analysis of measured neutron leakage spectra from spheres as tests of evaluated high-energy cross sections, 05632
Atomic power, *see* Atomic energy.
Atomic power engineering, *see* Nuclear engineering.
Atomic power plants, *see* Nuclear reactor power plants.
Atomic radiation, *see* Radiation.
Atomic spectra, *see* Spectral lines.
Atomic warfare:
prevention of nuclear war, agreement between United States and Union of Soviet Socialist republics, 00673
Atomic weapons, *see* Weapons.
Atoms:
resonances in electron impact on atoms and diatomic molecules, 03635
ATP, *see* Adenosine triphosphate.
Atrazine:
increasing crude protein content of forage, 04792
ATS (applications technology satellites), *see* Satellites.
Atsina Indians:
reading list, Gros Ventres, 01298
Attack and defense (military science), *see* Military art and science.
Attenuation:
applications of waveguide and circuit theory to development of accurate microwave measurement methods and standards, 03634
devices for attenuation of trailing vortices, evaluation based on model tests, 08710
rf power and attenuation using superconducting quantum interference devices,measurement, 01423
scattering and attenuation of electromagnetic radiation by atmospheric particles, 08083
Attenuators:
Apollo experience report, command module crew-couch/restraint and load attenuation systems, 03613
Federal item identification guide, 03274
fixed, Federal item identification guide, 04296
variable, Federal item identification guide, 06429
Attitude (inclination):
determination of attitudes of joints surveyed with borescope in inclined boreholes, 07972

Attitude (inclination)–Con.
inertia properties, effect on attitude stability of nonrigid spin-stabilized spacecraft, 10239
wind-tunnel roll-damping measurements of winged space shuttle configuration in launch attitude, 06875
Attitude (psychology):
agency work contexts study, 08837-41
attitude toward life of our nation's students, 04350, 05292
attitudes of airmen toward weighted airman promotion system, 02824
comparison of volunteer attitudes and career motivation among officer and airman personnel, 05971
employee-attitude and office environment analyses for development of human and architectural requirements, 09985
factors related to drug abuse in submarine service, characteristic biographical profiles and related data, 10176
men's attitudes toward cotton and other fibers in selected clothing items, 03856
public and high blood pressure, 04659
student attitudes toward technical training, development of psychometric measures, 07141
see also Public opinion.
Attitude indicators:
using moving-aircraft and moving-horizon attitude indicators, in-flight performance of civilian pilots, 07247
Attorney General, *see* Justice Department.
Attrition (personnel):
sex comparison of reasons for attrition of nonjourneyman FAA air traffic controllers, 09705
Au Sable River:
designate segment for possible inclusion as part of wild and scenic river systems–report, 03157
Auburn Dam:
discharge and torque characteristics, butterfly valve, 09601
Auctions:
improving receiving of tobacco at auction warehouses, 05921
Audio-visual education:
media selection for students and teachers, aids, supplement, 03312
photographs of the American city, select audiovisual records, 05415
Audiology:
sentence intelligibility for audiological assessment of Naval personnel and voice communication systems, 07960
Auditing:
audit guide and standards for revenue sharing recipients, 05884
audit of payments from special bank account to Lockheed Aircraft Corporation, for C-5A aircraft program quarterly, GAO report, 02543
audits of Federal Reserve Board by General Accounting Office, provide–report, 03046, 10612
Commodity Credit Corporation, audit fy 1973, GAO report, 09744
energy conservation management and energy auditing procedures (address), 04965
returning appeal, rights and claims for refund, 04506
Auditors:
agents for good government, 03404
minding millions, auditors, management auditors in today's Federal Government, 04953
Audits, *see* Auditing.
Auger effect:
Augerelectron spectroscopy analysis, fracture surfaces, irradiated pressure-vessel steels, 10360
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
sliding of poly (vinyl chloride) on metals studied by Auger electron spectroscopy, 08070
Augustine, Norman R.:
nomination–hearing, 01017
Auke Bay Fisheries Laboratory:
NOAA technical memorandum, NMFS ABFL series, 05699, 08145
Auld Lang Syne Group:
late Triassic and Jurassic (?) age, north-central Nevada, 06698
Auroras:
auroral bremsstrahlung at balloon altitudes, 01398
Austenite:
directional transformation in steel, texture behavior and martensite morphology, 06490
Austenitic steels:
austenitic stainless steel creep deformation under complex stresses , 07206
electrical resistivity of austenitic stainless steel, 08098
radiation swelling of steel OKhl8N9T, USSR study, 04545
Austin, Tex.:
flood plain information, 07693, 07700
floods on Walnut Creek, 07705
floods on Williamson Creek, 06525
Australia:
disposal of excess property, agreement, 08237
east coast, sailing directions, 00280
economic trends and their implications for United States, 00486, 10144
Great Barrier Reef, crown-of-thorns starfish (Acanthaster planci),, 08834, 08834
mineral industry, minerals yearbook chapter, 09462
primary lead metal from Australia and Canada, Tariff Commission report, 07077
quarantine import requirements, 00034
scientific and technical cooperation, agreement, 00692
selling in Australia, 00285
space research program, agreement, 05847
tropical cyclone vector mear charts, 07007
Austria:
mineral industry, minerals yearbook chapter, 11048
Authors:
index medicus, cumulated, 08780
L.C. national union catalog, cumulative list, 02348
selected bibliography for writers, 03250
Autism:
National society for Autistic Children annual meeting, papers, 05678
recreation for autistic and emotionally disturbed children, 08133
Autistic Children, National Society, *see* National Society for Autistic Children.
Autoignition, *see* Ignition.
Automatic data processing equipment, *see* Electronic data processing systems.

Automatic technology, *see* Automation.
Automation:
automated radar terminal system, 03331
automatic secure voice communications network (AUTOSEVOCOM), logistic support plan, Army pamphlet, 04865
basic propositions for system of automating zone telephone networks, USSR study, 07930
contracted resolution theory to theorem proving by computer, 05728
control systems, USSR study, 00499
large screen display in automated oceanic ATC, air traffic control, environment, evaluation, 11256
mechanization equations for aided inertial navigation systems, 04610
operational evaluation of ARTS 2 radar alphanumeric display subsystem (RADS), 11258
public interest and payments mechanism (remarks), 03369
technology, USSR and East Europe scientific abstracts, 02724
theorem proving in artificial intelligence, role, 05743
ultrasonic imaging of cylindrical explosive loads, 05736
water systems automation, current information on automation of Reclamation water systems, report, 04725
Automation processing equipment, *see* Electronic data processing system.
Automobile accidents, *see* Motor vehicle accidents.
Automobile drivers:
accidents on main rural highways related to speed, driver and vehicle, 11505
narrow bridges, driver dilemmas, highway safety design and operations—hearings, 00161
Automobile graveyards, *see* Automobiles.
Automobile insurance:
D.C. no-fault motor vehicle insurance, hearings, 00127
National no-fault motor vehicle insurance act—hearings, 00207, 06374
House bills under consideration, 10705
Automobile license plates—passenger car license plates, 00369
Automobile parts, *see* Automobiles.
Automobile wrecking and used parts industry, *see* Automobiles.
Automobiles:
acceleration and passing ability, comparison of acceleration and passing ability for 1974 passenger cars and motorcycles, 08117
air quality and emission control, 10796-8
auto emission standards, compliance with Clean air act, hearings, 05184
auto emission standards, impact, 04259
automobile exhaust emission surveillance, summary, 00026
automobile loans by major finance companies, monthly release, 01668
automobile manufacture, determining effects of gasoline price on use of metals, 06838
automobiles, sedans and station wagons, federal standard, 06635
automotive exhausts, oxygenates, 08000
automotive fuel economy, report, 01183
automotive gas turbine economic analysis, investment cast turbine wheel, 08542
automotive gas turbine optimum configuration study, 03881
automotive research and development and fuel economy—hearings, 06379
automotive springs, clutch discs, and rear deck lid torsion bars, former workers of Eaton Corp. plant, Detroit, Mich., Tariff Commission report, 08247
buying a car overseas?, be sure it meets U.S. air pollution control standards, 09992
Canadian agreement, operation of automotive products trade act of 1965, annual report, 06381
car pooling, national program of public information, hearings, 05125
CARPOL, approach to large-scale carpooling using DIME technology, 08936
characterization of particulates and other nonregulated emissions from mobile sources and effects of exhaust emissions control devices on these emissions, 00027
comparison of braking performance for 1974 passenger cars and motorcycles, 06942
comparison of tire reserve loan for 1974 passenger cars, 08118
emission standards, postpone, report, 08448
Federal Government, vehicle use, hearings, 09187
finance rate and other terms on new and used car credit contracts purchased from dealers by major auto finance companies, monthly release, 02021
gas mileage, 1974 guide for car buyers by manufacturer and model, 04387, 05334
household expenditures on cars and selected new household durables, 06092
implementation of transportation controls to alleviate air pollution, hearings, 10792
industry reorganization, proposal, 08503
industry restructuring proposal, 08497
industry, economic impact of energy crisis (remarks), 07797
installment credit developments, 01667
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
join car-pool, save energy (poster), 09718
junk automobile problem, economic analysis, 03559
metallurgical upgrading of automotive scrap steel, 06043
miles per gallon, guide for new car buyers, 04386
reducing auto emissions, some relevant facts, 07774
rethinking your automobile (address), 01184
secondary pig iron from shredded auto scrap, 04589
speed limit to conserve gasoline, hearings, 05082
suspension of 1957 auto emission standards, decision of Administrator of Environmental Protection Agency—hearings, 01052
U.S. deports imports that pollute (poster), 06395
vehicle behavior in and around complex sources and related complex source characteristics, 07782-3, 08556-8
warranties, FTC report, 05384
Automotive vehicles, *see* Automobiles—Motor vehicles.
Autopilots, *see* Aircraft automatic pilots.
Availability:
user procedures standardization for network access, 03646

Avalanche diodes:
theoretical and development work on high-efficiency avalanche diode sources, 10455
Avalanches:
advances in North American avalanche technology, 1972 symposium, 04432
metamorphism of wet snow, theory, 05297
predicting avalanche intensity from weather data, statistical analysis, 04447
snow avalanche sites, identification and evaluation, 10493
AVDP, *see* Alaska Village Demonstration Projects.
Aveiro, Portugal:
summary of synoptic meteorological observations, 08175
Avian leukosis:
Marek's vaccine on target, 02818
Avian pneumoencephalitis, *see* Newcastle disease.
Aviation:
Federal aviation regulations, 08560, 10011-20, 10886-90, 11499
see also Aeronautics–Aircraft.
Aviation boatswain's mates:
aviation boatswin's mate H 3 & 2, rate training manual, 05724
Aviation fields:
Army planning aviation facilities, 07174
heavy-duty truss-web extruded aluminum airfield landing mat installation, 10815
military, instrument approach procedure charts, 02295
Aviation fuels, *see* Gasoline–Turbine fuel.
Aviation medicine, *see* Medicine.
Aviation Medicine Office:
reports, 1961-73, index, 11313
Aviation Policy and Plans Office:
report FAA-AV, 10022-3
Aviation structural mechanic, *see* Mechanics (persons).
Aviators:
airmen loss rates, development of data base for direct analysis, 09670
airmen other than flight crewmembers, certification Federal aviation regulations, 01950
aviation, medical examiners, directory, 04902
certified pilot flight and ground schools, list, 03335
display concepts for pilot monitoring and control of space shuttle approach and landing, simulator evaluation, 08032
female pilots, study of control force limits, 10532
flight test guide–
commercial pilot, airplane, 03382
instrument pilot, airplane, 00385
instrument pilot, helicopter, 10926
multiengine airplane class and type ratings, 01230
private and commercial pilot, free balloon, 00386
private and commercial pilot, glider, 03383
private and commercial pilot, gyroplane, 01231
private and commercial pilot, helicopter, 04421
ground-based simulator input data for advanced tandem-rotor helicopters for hovering, 08294
media adjunct programming, individualized media-managed approach to academic pilot training, 09676
memorandum for aviators, 02288
private flyers, customs guide, 04264
selection and analysis of UPT maneuvers for automated proficiency measurement development, 02822
Avionics equipment, *see* Aeronautical supplies.
Avon, Colo.:
Upper Eagle Valley Sanitation District Wastewater Treatment Facility, technical assistance project, 10876
Awards (incentive), *see* Rewards (prizes, etc.).
Axial flow, *see* Flow.
Axisymmetry, *see* Symmetry.
Ayrshire cattle, *see* Cattle.
Azerbaydzhan Soviet Socialist Republic:
wheats, catalogue, 11563
Azimuth:
Bureau of Mines direct-reading azimuth protractor, 07974

B

B. Everett Jordan Dam and Lake:
designate law, 04004
Babic, Slobadan:
relief, 00089
Babies, *see* Infants.
Bacilli:
genus Bacillus, 07107
Backfilling, *see* Filling.
Background noise, *see* Noise.
Backscatter:
backscattering from two-scale rough surface with application to radar sea return, 03591
non-coherent model for microwave emissions and backscattering from sea surface, 03590
of ultrasonic waves by biological objects in water measuring technnique and equipment for studying, USSR study, 09420
toward RADSCAT measurements of winds over sea and their interpretation, 03592
wind roughened sea surface elevation, slope and curvature wave number spectra consistent with backscattering therory data yields, 08019
Bacteria and bacteriology:
anaerobic bacteriology, CDC laboratory manual, 07290
bacterias, las celulas mas pequenas, 08770
bacteriological investigations of upper South Platte River basin, 10868
bacteriological survey of Cache La Poudre River near Greeley, Colo., 10867
be a winner, knock out bacteria (poster), 00388
genus Bacillus, 07107
sewage bacteria, lime disinfection at low temperature, 04368
see also Coliform organisms.
Bacteriology, *see* Bacteria and bacteriology.
Badges:
Federal item identification guide, 04306
Baghdad University:
collaborative program on mercury with University of Rochester, NY, 10337
Bags:
bags, envelopes and shipping sacks, Federal item identification guide, 07605
barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
damaged polypropylene bags, instructions for repair, 03842

Bags–Con.
hospital and medical bags, cases, covers, and pads,Federal item identification guide, 01067
paper, cotton, and polyethylene-film bags for packaging cornmeal, evaluation, 00012
Bahamas:
background notes, 05815
continuance of United States military rights and maritime practices in Bahamas, agreement, 03780
economic trends and their implications for United States, 00483
Bahrain:
Peace Corps, agreement, 00693
Bailey bridges:
technical manual, 04866
Bakersfield, Tex.:
motor carrier accident investigation report, 00537
Bakke, Karl E.:
nomination–
hearings, 01023
Balabac Strait:
synoptic meteorological observations, 11710
Balance of payments:
adjustment since 1971, more favorable with more trading, 03359
developments in U.S. balance of payments, 03363
full committee briefing on German offset agreement–
hearings, 10688
OASIA research balance of payments model, users manual, 10477
recent developments in U.S. balance of payments, 11528
Balance of power:
national security policy and changing world power alignment, 09071
Balance sheets, *see* Finance.
Balances, *see* Scales (weighing instruments).
Baldcypress:
American wood, distribution, use, etc., 00392
Ball bearings, *see* Bearings (Machinery).
Ball-bearing retainers:
rolling element bearing retainer analysis, 06009
Ball mills, *see* Milling machines.
Ball, Cornelius S. and others:
relief, 00862, 02925
Ballast (electric):
fluorescent lamp ballasts, current industrial reports, 01847
Ballistic missiles, *see* Missiles.
Ballistics:
ballistic mode Mercury orbiter mission opportunity handbook, 00546, 08711
manufacturing methods technology (MM&T) for ballistic-tolerant flight control components, 00038
Balloons:
auroral bremsstrahlung at balloon altitudes, 01398
balloon tethered in wind, stability analysis and trend study, 01403
buoyant tornado-probe concept incorporating inverted lifting device, 04621
computing horizontal distance, 06123
glass-balloon-filled black paint, effects of particle size on optical properties and surface roughness, 11138
manned free balloons, airworthiness standards, Federal aviation regulations, 01945
moored, Federal aviation regulations, 01947, 10888
private and commerical pilot free balloon, flight test guide, 00386
unmanned free, Federal aviation regulations, 10888
unmanned, Federal aviation regulations, 01947
Baltimore Harbor:
distribution of metals, 07728, 10821
Baltimore, Md.:
distribution of metals in harbor sediments, 07728, 10821
port, rail and marine interface, 05570
Balzano, Michael P., Jr.:
nomination–
hearings, 04241
Band-pass filters:
narrow energy band filters for a 250 kV constant potential X-ray machine, 09699
Bandelier National Monument:
addition to National Wilderness Preservation System, proposal, 06221
Bandpass filters, *see* Band-pass filters.
Bands:
Federal item identification guide, 04294, 05252
Bandwidth:
technical requirements for broadband cable teleservices, survey–
selected bibliography, 04972
signal transmission and delivery between head-end and subscriber terminals, 03985
subscriber terminals and network interface, 00808
summary of technical problems associated with broadband cable teleservices development, 00807
system control facilities, head-ends and central processors, 00809
system interconnections, 03986
use of computers in CATV two-way communications systems, 02894
Bangladesh:
accessions list, American Libraries Book Procurement Center, New Delhi, cumulative list of serials, annual supplement, 08684
agricultural commodities, agreement, 05849, 05856, 07052
economic assistance for relief and rehabilitation, agreement, 00668, 00696
political trends–
hearings, 06298
Bangor, Me.:
aircraft accident report, 08160
Banking, *see* Banks and banking.
Banking and Currency Committee, House:
committee print, 03106, 06283, 09058-60
hearings, 00123, 00922-3, 04087-8, 05055, 06280-2, 06284-5, 07390-1, 08386-7, 10690, 11397-8
report, 00913, 02993-5, 03046-7, 04048, 04075, 09797, 10610, 11387
Banking, Housing and Urban Affairs Committee, Senate:
activities, 1973 summary, 09911
calendar, 02226
committee print, 04190, 09911
hearings, 00203, 01018-20, 03246, 04191-4, 05119-22, 06370-2, 07468-9, 08473-5, 09192-4, 10757-60
report, 00995, 03132, 03135-7, 03187, 03224, 03234, 04178, 06344, 08455, 09148, 09176, 09895, 10729, 10742, 11411, 11423
Bankruptcy:
act, amend–
law, 08340

Bankruptcy–Con.
report, 03067, 10721
act, proposed rules and official forms, preliminary draft, 03830
anatomy of scam, case study of planned bankruptcy by organized crime, 08677
Commission on Bankruptcy Laws, report, 07339
insurance bankruptcy, reform of Federal criminal laws–
hearings, 07547
rules of procedures and official forms, 11357
Bankruptcy Laws of United States, Commission on:
report, print additional copies, authorize–
report, 03044, 03200, 03238, 07339
Banks and banking:
aggregate reserves and member bank deposits, 01610
applications and reports received, or acted on, announcement by Board of Governors of Federal Reserve System, 01652
assets and liabilities, commercial and mutual savings banks, 01199
bank capital adequacy, time to pause and reflect (remarks), 03360
bank debits, deposits, and deposit turnover, 01672
bank lending practices, 1973, changes, 10915
bank rates on short-term business loans, 01673
banking and credit measures, weekly summary, 02782
code of Federal regulations, 07810, 08571
commercial and mutal savings banks–
assets and liabilities, 05353
deposits, summary, 05354
commercial banks, credit-card and check-credit plans, 03362
consumer installment credit, monthly report, 01810
consumer questions on banking, saving and loan associations, 05885
credit crunch and reform of financial institutions–
hearings, 04088, 05055
Federal Financing Bank, establish–
law, 06181
report, 04078
Federal reserve par list, 03365
Federal reserve par list, cumulative supplement, 02002
financial institutions, reform and public interest, 3106
financial markets, impact of institutional investors in stock market–
hearings, 05127
interest rates charged on selected types of bank loans, monthly release, 02164
large commercial bank, New York and CHicago, weekly condition report, 02756
large commercial banks and domestic subsidiaries, weekly condition report, 02756
lessons from credit restraint (remarks), 03367
maturity distribution of Euro-dollar deposits in foreign branches of U.S. banks, 02283
nonmember banks that maintain clearing accounts with Federal reserve banks, 02611
operating banking offices, list supplements, 02405
payment of interest on time and savings deposits, extend certain laws–
law, 00844
report, 03135
Penn Central failure and role of financial institutions, staff report, 06283
public interest and payments mechanism (remarks), 03369
punctilio of honor most sensitive in trust departments of commercial banks (remarks), 03371
social performance of financial institutions, monetary perspective (remarks), 01224
taxability of dividends received by corporations in District of Columbia–
hearings, 07486
time and savings deposits at commercial banks, 00378, 00361, 10916
United States and multilateral development banks, 07405
volume and composition of individuals saving, statistical release, 02738
see also Banks for cooperatives–Federal land banks.
Banks for cooperatives:
CFF and RF directory, 04390
Banks Islands:
journal of trip, 10301
Barbados:
consular relations, convention, agreement, 01579
economic trends and their implication for United States, 00491
Barbados Oceanographic and Meteorological Experiment:
BOMEX Period III upper ocean soundings, 04388
Barbiturates:
abuse in United States, 1973–
hearings, 05166
use, distribution, and control, analysis, 06466
Barges:
barged ocean disposal of wastes, mathematical model, 10841
water carrier barge mixing rule legislation of 1973–
law, 06167
report, 03230, 07474
Barite:
mineral industry surveys, 07968, 11042, 11594
Barium oxide:
BaO and SiO_2, properties of glasses in some ternary systems containing these, 03632
Bark:
segregation of wood and bark chips by differences in terminal velocities, 04441
Barnegat Inlet, N.J.:
navigation channel improvements, hydraulic model investigation, 10818
Barnum, John W.:
nomination–
hearings, 01023
Baroda-Broach area:
Gujarat, India, water resources investigations, geohydrologic reconnaissance and study plan, 04466
Barr, Theodore:
relief, 00832, 00983
Barre, Vt.:
ground water availability in Barre-Montpelier area, 00435
Barrels:
steel shipping, current industrial reports, 01846, 04923
vault 96 meters long check tested against design, USSR study, 09419
Barren Fork:
flood plain information, 06502
floods, 06517
Barrier materials:
Si-Au Schottky barrier nuclear battery, 02860

Barriers:
nontariff barriers to trade, need for better identification and analysis, GAO report, 06689
nontariff trade barriers, Tariff Commission report, 11268
passive water barriers in single-entry mine for suppression of coal-dust explosion, 08705
trade barriers, Tariff Commission report, 11267
wing of arbitrary aspect ratio near barrier, 09399
Bars (metal etc.):
metal bars, rods, wires, sheets, plates, and shapes, Federal item identification guide, 07607
Barter:
suspension of Public law 480 barter program for tobacco, 04081
Bashline, James E.:
relief, 00840, 00985
Basic materials, *see* Strategic materials.
Basins:
magnitude and frequency of floods in small drainage basins in Idaho, 03414
Bass:
striped, residues of MS-222, benzocaine, and their metabolites following anesthesia, 05811
Batallions:
supply and service company, supply and transport battalion, 00737
Batching:
batch disinfection of treated wastewater with chlorine at less than 1°C, 04364
Batesville, Ark.:
flood plain information, 07698
Bathrooms:
how to clean, 03863
Batteries, *see* Electric batteries.
Batteries (tests), *see* Aptitude tests.
Battery chargers:
batteries used with law enforcement communications equipment, chargers and charging techniques, 05547
Batting (textile fibers):
stuffing materials and leather, Federal item identification guide, 04307
Battle act, *see* Exports.
Bauxite:
minerals yearbook chapter, 05590
report, quarterly, 01674
Bayes theorem, *see* Probabilities (mathematics).
Bayonne, N.J.:
military ocean terminal buildings, proposed alterations and improvements, hearings, 08509
Bayou Dorcheat Reservoir:
municipal water requirements, 09590
BDC, *see* Domestic Commerce Bureau.
Beach erosion:
control projects, Broward County, Fla., and adjacent areas, ecological monitoring, 09980
Beaches:
public access to beaches, hearings, 09103
Beacon Falls, Conn.:
flood plain information, 07689
Beads:
pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, interlaboratory comparison evaluation, 06044
Beams:
boundary integral method, application to elastoplastic analysis of V-notched beams, 10254
damping contribution of elastomeric ablator on aluminum beams, 10215
electromagnetic beam fields, 08166
see also Concrete beams–Lasers.
Bear Creek:
floods, Santa Cruz County, Calif., 01131
Bear River:
interstate pollution, 11748
Bearings (machinery):
anti-friction bearings, manufacturer's production, shipments, and unfilled orders, 04917
antifriction balls and ball bearings, including ball bearings with integral shafts, and thereof, Tariff Commission report, 07069
antifriction bearings, excluding ball bearings with integral shafts, and parts thereof, Green Ball Bearing Co., Cleveland, Ohio, Tariff Commission report, 08246
antifriction, Federal item identification guide, 09249
Army helicopter rod end bearing reliability and maintainability investigation, 00745
ball motion and sliding friction in arched outer-race ball bearing, 08060
bearing and bushing, plain, Federal item identification guide, 07596
bolt, fluid passage, Federal item identification guide, 04289
cermet materials suitable for lithium-lubricated thrust bearings for high-temperature operation, evaluation, 11140
elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
elastomeric-bearing main rotor of OH-58 helicipter, cold-weather flight tests, 07188
feasibility of tapered roller bearings for main-shaft engine applications, 06017
gas-lubricated cruciform-mounted tilting-pad journal bearings and damped flexibily-mounted spiral-groove thrust bearing, performance, 09489
HLH/ATC drive system aft rotor shaft bearing test, report, 08290
mounted, Federal item identification guide, 04286, 07603
Rayleigh step thrust bearing, evaluation of chromium oxide and molybdenum disulfide coatings in self acting stops of air lubricated type, 11141
roller bearings, workers of Detroit Mich., plants of Bower Roller Bearing Division of Federal Mogul Corp., Tariff Commission report, 03792
rolling element bearing retainer analysis, 06009
spiral bevel support bearings, tapered roller, design, fabrication, test, evaluation, 06013
stresses at bore of drilled ball operating in high-speed bearing, 06893
Beas, Robert J.:
relief, 00864
Beaufort, N.C.:
new Polychaeta from Beaufort, with key to all species recorded from North Carolina, 06982
Beaumont, Tex.:
area wage survey, 01357
Beautification:
highway and its environment, 5th annual awards, 03338

Beaver Dam:
Arkansas, change name to James W. Trimble Dam—
report, 03185
Beaver River:
basin study, Utah-Nevada, resource related problems, 02811
Bedford, Ohio:
railroad employee accident investigation report, 07025
Bedsprings:
current industrial reports, 01846
Beech:
fertilization increases diameter growth of birch-beech-maple trees in New Hampshire, 06656
Beech Fork Lake:
selective withdrawal of water, 01144
Beech Fork River:
selective withdrawal of water, 01144
Beef:
farm and retail prices, hearings, 09181
freeze-dried cooked ground beef, effect of cooking and fat level on oxygen uptake, 04838
freeze-drying of raw beef, 04847
fresh boneless, imported, futures trading and open contracts, 02056
livestock feeding problems and fluctuating cattle market, 08467
price situation, anatomy (address), 03845
prices reflect supply and demand not nonexistent price supports (address), 03844
roasts, how to buy, 05942
Beef cattle, *see* Cattle.
Beehive coke, *see* Coke.
Beer:
alcohol summary statistics, 04812
Bees:
honey bee diseases, identification and control, 03850
Beetles:
controlling wood-destroying beetles in buildings and furniture, 02816
declining pines associated with bark beetle activity in Allen Parish, La., 05394
six-spined engraver beetle, 06641
Beets, *see* Sugar beets.
Begich, Mick:
memorial services, 00818
Behavior:
behavioral effects of nitrogen narcosis in rhesus monkey, 06828
complex behavior of anthropoids (chimpanzees), physiological studies, 00503
determinants of police behavior, summary, 03533
ecology and behavior of giant wood spider Nephila maculata (Fabricius) in New Guinea, 08206
effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
effect of throttling on interface, behavior and liquid residuals in weightlessness, 09492
how income supplements can affect work behavior, 06208
human behavior and leadership, 00603
Melanesian Journal, behavior, expeditions to study in west and east New Guinea, Solomon Islands etc., 06962
modification programs, Federal Bureau of Prisons—
hearings, 08419
new approaches to physical and behavioral adaptation in schools, USSR study, 05524
newsletter for research in mental health and behavioral sciences, 02376
occupant behavior in building fires, 09523
psychological problems in regulation of activity, USSR study, 05526
psychotherapist autosuggestion methods, USSR study, 05520
role of behavior in dispersal of newly hatched gypsy moth larvae, 06667
weekly Government abstracts, 02761
see also Group behavior.
Belgium:
background notes, 03762
certificates of airworthiness of imported aircraft, agreement, 00686
consular relations, convention, with exchanges of notes, between United States and Belgium, 10443
economic trends and their implications for United States, 03471
foreign trade regulations, 00281
mineral industry, minerals yearbook chapter, 11610
mutal defense assistance, agreement, 05838
Bell, Jorge M.:
relief, 00972, 08998
Bellanca, Guido:
relief, 00090, 03111
Belts:
Federal item identification guide, 04311
Benders and bending:
three-point-bend test for materials with unequal tension/compression properties, 08737
Bendix Corp.:
bicycle coaster brakes, workers and former workers of Bendix Corp., Motor Components Division,' Elmira, N.Y., Tariff Commission report, 07070
Beneficiaries:
contributions, benefits, and beneficiaries under State and local Government retirement systems, 10418
school attendance of student social security beneficiaries in 1969, 08214
Benthos:
benthic survey of Flat Creek and Salt River near Thayne, Wyo., 10871
inshore benthic fauna, abundance and distribution off southwestern Long Island, N.Y., 09553
Benzene:
protection against hazards of poisoning from benzene, ILO recommendations, 00853
Benzocaine:
residues in striped bass following anesthesia, 05811
Bermuda:
burrowing sponges of Bermuda, 11762
surface and bottom magnetic survey in area of Bermuda rise, 10358
Berries:
census of agriculture, special reports, 10533
see also Strawberries.
Beryllium:
beryllium-bearing tuffs in western Utah, 01266
doped silicon, low temperature coefficient of resistance and high gage factor, 11128
hydrothermal alteration associated with beryllium deposit at Spor Mountain, Utah, 01266
radiochemical separation procedures, 09701

Bethel Air Force Station:
installation of driven test piles in permafrost, 09269
Bethlehem, Pa.:
area wage survey, 06797
Bevels:
spiral bevel support bearings, tapered roller, 06013
Beverages:
fruit-flavored beverages and noncarbonated fruit juices, survey, 04848
Bhutan:
area handbook, 04861
map, 04943
Biaxial stress, *see* Strains and stresses.
Bibliography:
aerial remote sensing in coastal engineering, 07672
aeronautical engineering, 00551
aerospace medicine and biology, 01606
Air Force Academy Library series, 05964
air pollution aspects of emission sources, primary copper production, with abstracts, 00725
air pollution translations, abstracts, 09277
Arikara Indians, 00462
arms control & disarmament (periodical), 01656
artificial kidney (periodical), 01663
Assiniboin Indians, 00463
Ataturk and Turkey, 10166
Atlantic Oceanographic and Meteorological Laboratories, scientific and technical publications, 07785
atomic line shapes and shifts, 06910
atomic transition probabilities, 05648
butterflies of North America north of Mexico, 11760
Caddo Indians, 00464
cerebral palsy, mental retardation and other neurological and sensor disorders of infancy and childhood, collaborative study, 06961
cerebrovascular bibliography, including neurological, vascular, hematological aspects, 01713
Chickasaw Indians, 00465
choosing the President, 05964
cities and urban problems, 05445
cold regions, science and technology, 01106
colorimetry and spectrophotometry, 10268
Cree Indians, 00465-6
crime and delinquency, international bibliography (periodical), 01829
cryogenic publications and reports, list, 01831
Cryogenics Division, National Bureau of Standards, publications, 01421
Delaware Indians, 00467
detergents effect on sewage treatment, 09587
domestic business and industry, publications to aid, 03305
East Asian, foods and nutrition arranged according to subject matter and area, 04663
economics of agriculture, 06472
electron spectroscopy for chemical analysis (ESCA), 07233
energy, 09487
environment, social science and related literature, 07778
environmental bibliography, 07733
environmental quality as it relates to health, selected references, 02585
environmental research publications, 04375
EPA reports, available from National Technical Information Service listing, 00346
epidemiology, guide to literature of epidemiology, preventive medicine and public health, 01833
equal opportunity in employment, 00800
evaporation suppression, 10130
executive manpower, 07312
Federal solid waste management program, library holdings, nonperiodical, 09292
fibrinolysis, thrombolysis, and blood clotting, 02019
fishery publications, lists & indexes, 01483, 06984
fishery publications, 1972, lists and indexes, 06984
flood damage prevention, 09645
forest recreation research, 08582, 09329
forest soils bibliography for North-Central region, 04431
gas cooled reactor technology, 06052, 10520, 10522
Government reports announcements, 02066
Gros Ventres Indians, 01298
handicrafts, 01547
history of legal medicine, 11177
home businesses, 08831
housing and planning references (periodical), 02138
index medicus, 01247
index medicus, abridged, 01593
indoor-outdoor air pollution relationships, 03879
intergovernmental science and research utilization, publications of National Science Foundation, 08801
ion-molecule reaction rate data, 04637
Iowa Indians, 01299
JPRS ad hoc publications, 1973, directory and reference aid, 05533
juvenile and family courts, 00709
latino mental health, 09538
lead and air pollution, 06581
life in coastal waters, effects of salinity and salinity changes, 01143
lightning protection documentation, 07008
liquid metal fast breeder reactors, 07239
management, continuing literature survey, 01400
Mandan and Hidatsa Indians, 01300
manpower planning and utilization, 07314
Marines in Vietnam, 10171
Maritime Administration, publications, 05569
media selection for students and teachers, aids, 03312
medical review, cumulated, 09543
medical reviews, 02147, 02309
medical specialties, 04486
medical uses of technetium-99m, 1965-71, 04885
medicine, 1971, history, 10306
mental health in schools, 06953
methaqualone, 05654
Miami Indians, 00468
New York Bight, marine ecosystems analysis program, 10312
NIOSH publications, 01451
North American geology, 05420
nuclear medicine, 04887
Omaha Indians, 00469
operations research in forestry, 07826
ozone in water and waste water treatment, bibliography, 10133
Papago Indians, 00470
Parkinson's disease & related disorders, citations from literature, 02421
personnel bibliography series, 06114-5, 07312-4
personnel literature, 02429

Bibliography–Con.
phreatophytes, 10132
Pima Indians, 01301
Ponca Indians, 01302
position classification and pay in Federal government, 06114
Potawatomi Indians, 01303
productivity and technological innovation, 06455
pulsars, 04888
R & D research reports, Environmental Protection Agency, 10001
radioactive waste management, 04891
radiometric gages, 04890
reactor safety, 06054
recordkeeping system, store and service trade, 08832
references on regional cotton mechanization research projects, 02807
reports for California by Geological Survey, Water Resources Division, list, 04480
resource sharing computer networks, annotations, 03640
reverse osmosis bibliography, abstracted and indexed, 01078
Salish Indians, 01304
scientific and engineering manpower management, 07313
seed-eating mammals and birds that affect forest regeneration, 08225
sharing, centralization, and consolidation of health facility laboratories and related diagnostic services, annotated, 04488
small business, 01547, 08831-3
solid waste management, available information materials, 06591
South Asia and strategic Indian Ocean, 04860
Southwestern pinyon-juniper ecosystem, 08585
Soviet medicine, 00493
Spanish-speaking Africa, guide to official publications, 01365
Spokane Indians, 01305
superconducting devices and materials, quarterly literature survey, 02635
technical requirements for broadband cable teleservices, 04972
theoretical population genetics, 04886
toward a metric America, 03637
toxicity, 02656
translated non-English material, list of potential interest to Environmental Protection Agency, 10858
veneral disease, 01848
vibrationally excited hydrogen halides, chemical kinetics of chemiexcitation and energy transfer processes, 10267
water balance in Arctic and subarctic regions, 01103
water pollution control in water utilities, abstracts, 07756
water resource systems, analysis, 10131
what's new on smoking in print and on film, 04653
wholesale data sources for market analysis, 03306
wholesaling, 08833
Wichita Indians, 01306
winter construction, 10812
writers, selected bibliography for, 03250
Wyandot (Huron) Indians, 01307
see also Library accessions.
Bicentennial Administration, American Revolution, *see* American Revolution Bicentennial Administration.
Bicentennial of American Revolution, *see* Revolution, 1775-83.
Bicol River:
basin, Luzon Island, Philippines, comprehensive water resources development, prefeasibility program, 04722
Bicycles and tricycles:
bicycles and coaster brakes, workers and former workers of Bendix Corp., Motor Components Division, Elmira, N.Y., Tariff Commission report, 07070
Bidding, *see* Government contracts.
Big Bear Lake:
limnological studies, 07854
Big Bend National Park:
addition to National Wilderness Preservation System, proposal, 06221
general information, 10330
wilderness recommendation, 05713
Big Buffalo Creek:
flood plain information, Sanford, N.C., 01113
floods in Sanford, N.C., 01124
Big Cypress National Preserve:
establish–
report, 03002, 03018
Big Horn County, Mont.:
conservation needs inventory for land resource planning, 03740
Big Rock Point Nuclear Plant:
aerial radiological measuring system, 06024
Big Sandy Formation:
Mohave County, Ariz., zeolites and associated authigenic silicate minerals in tuffaceous rocks, 06707
Big Sioux River and Valley:
water resources of Big Sioux River valley near Sioux Falls, S. Dak., 03419
Big Thicket National Biological Reserve:
establish–
hearings, 00938, 10772
report, 06236, 09173
Bilingualism, *see* Language and languages.
Bills (congressional):
armed services hearings on miscellaneous bills, 09820, 10686
digest, 01880
history, 01797
merchant marine hearings on miscellaneous bills, 07438
Bills (invoices), *see* Invoices.
Bills of lading:
Government, how to prepare and process, 08577
Binder, Robert H.:
nomination, hearings, 09195
Bingham, Idaho:
area, soil survey report, 01558
Bioassay, *see* Biological assay.
Biochemical reactions, *see* Chemical reactions.
Biochemistry:
dietary intake and biochemical findings, health and nutrition examination survey, 09528
effect of electromagnetic field in meter range on nervous system of animals, USSR physiological and biochemical studies, 03507
scientific semimars, Nuclear Medicine Laboratory dedication, 07013
Biodegradation, *see* Degradation.
Bioenergetics:
dimensional analysis of bioenergetic values, USSR study, 09421

Bioengineering:
device for separation of bio-electrical signals during effect of high-frequency electric currents on organism, USSR study, 03492
Biography:
biographical sketch of Rogers C. B. Morton, 05469
Bioinstrumentation:
backscattering of ultrasonic waves by biological objects in water, measuring technique and equipment for studying, USSR study, 09429
Biological assay:
algal assay procedure, bottle test, 07723
investigation of Buffalo River, Buffalo, N.Y. for International Joint Commission, 10376
waste and bioassay investigations, 11754
Biological chemistry, *see* Biochemistry.
Biological control of insects, *see* Insects.
Biological products:
biologicals, Federal item identification guide, 04304
veterinary biological products, licensees, permittees, 03897
Biological sciences, *see* Biology.
Biology:
aerospace medicine and biology, bibliography, 01606
air flotation, biological oxidation of synthetic rubber and latex wastewater, 06564
associate training programs, NIH, 05685
bio-disc treatment process for summer camp application, evaluation, 04369
biological and related terms in water and waste water control, glossary, 11724
biological effects of magnetic fields, translations of USSR study, 10996
biological hazards from exposure to ELF electrical fields and potentials, 05731
biological investigation of Tuttle Creek Reservoir, Kans., 09316
biological investigations of Lake Wingra, 01153
biological survey of Pinkham Creek and North Platte River in vicinity of Cowdrey, Colo., 10870
Cannikin, physical and biological effects, 06045
device for separation of bio-electrical signals during effect of high-frequency electric currents on , 03492
extraterrestrial biology, adesonine triphosphate (ATP) as possible indicator, 11147
influence of magnetic fields, on biological object, USSR study, 11018
International Field Year for Great Lakes biology program, 07724
liquid-crystal structure of biological membranes, USSR study, 10999
magnetism in biology, USSR study, 03519
methods for improvement of trickling filter plant performance, mechanical and biological optima, 01165
physical mechanism of destruction of biological tissues with focused ultrasound, USSR study, 09401
pre-impoundment biological survey of Stockton Reservoir-Sac River, Mo., 09320
signal (biological) fields and their significance, USSR study, 09402
space biology and medicine, concise handbook, dictionary, etc., 05514-5
stable isotopes in chemistry, biology, and medicine, conference proceedings, 06034
subsurface biological activity in relation to ground water pollution, 04367
systematic application of Duncan's multiple range test to biological research data, 02803
technical assistant, examination announcement, 00077
weekly Government abstracts, 02775
whales and dolphins, USSR study, 08646-7
wildland shrubs, their biology and utilization, international symposium, 03395
see also Fresh water biology–Marine biology–Space biology.
Biomedicine:
biomedical sciences, USSR and East Europe scientific abstracts, 02722
biomedical technology and engineering, weekly Government absracts, 02762
compilation of instruments and implements, 01399
Bionics:
all-Union scientific meeting on Radio Day, cybernetics, bionics, and engineering psychology, 01338
Biosphere:
carbon and biosphere, 07224
Biota:
methoxychlor effects on aquatic biota, 06548
Biotechnology:
biotechnical training method, conditioned reflex formation in marine animals, USSR study, 06783
Birch:
American wood, 04424
fertilization increases diameter growth of birch-beech-maple trees in New Hampshire, 06656
genetics of yellow birch, 08601, 10073
Bird houses:
nesting helps, birdhouse construction guide, 08871
Birds:
bird damage to sprouting corn in United States, 07042
birds imported into the U.S. in 1971, 05813
fifty birds of town and city, 08850
final bird washer design, specifications and evaluation, 08272
Hagerman National Wildlife Refuge, 05808
Havasu National Wildlife Refuge, 05809
land management for non-game birds, 10426
migratory bird protection, agreement with Japan–
law, 11354
report, 10640, 10744
Muleshoe National Wildlife Refuge, list, 05807
rodenticides and mammal, birds and fish toxicants, EPA compendium of pesticides, 01534, 01921
seed-eating mammals and birds that affect forest regeneration, bibliography, 08225
Tennessee Valley, Checklist, 09643
Birth:
birth expectations of American wives, advance data from current population survey, 02876
infant mortality from linked records by age of mother, total-birth order and other variables, 01430
so you're going to be new father?, 07305
Birth control:
family planning digest (periodical), 01933
family planning services and population research–
hearings, 05168

Birth control–Con.
family planning services, 08318
Bismuth:
mineral industry surveys, annual, 11595
mineral industry surveys, quarterly, 01680
Bison:
bison of Yellowstone National Park, 05711
Bits (tools):
drill bits, counterbores, and countersinks, Federal item identification guide, 07608
Bituminous coal, *see* Coal–Coal mines and mining.
Black Americans, *see* Negroes.
Black Fork Creek:
flood plain information, 06501
floods, 06516
Black lung disease, *see* Pneumoconiosis.
Black people, *see* Negroes.
Black walnut, *see* Walnut.
Blackflies, *see* Flies.
Blacksburg, Va.:
research center, establish–hearings, 07518
Blackwell, Elizabeth:
Elizabeth Blackwell, 18-cent regular postage stamp (poster), 05894
Blades:
aeroelastic analysis of a telescoping rotor blade, 04878
core turbine rotor blade, incidence loss in two-dimentional cascade, 09493
differential analysis for turbulent boundary layer on compressor blade element, 10252
dynamic model wind tunnel tests of a variable-diameter, telescoping blade rotor system (TRAC rotor), 04874
film-cooled turbine stator blade,two-dimensional cold-air cascade study, 11106
increased leading-edge thickness on performance of transonic rotor blade effects, 06891
low-radar-cross section OH-6A helicopter tail rotor blade, 11305
prediction of overall and blade-element performance for axial-flow pump configurations, 00547
propeller, structural analysis and basic design, summary, 09683
rotating turbine blade, flow measurement, base cooling air passages, 11153
stall flutter of helicopter rotor blade, analysis, 04605
torsional natural frequency of rotor blade stall-induced dyanmic loading, investigation of effect, 07198
UH-1D filament-wound tubular-reinforced rotor blade, 07184
vortex modification by mass injection and by tip geometry variation, 06016
Blankets:
radial blanket and shield simulation experiments, 09704
Blast:
blast noise standards and instrumentation, 11645
Blast furnaces:
rapid wet chemical methods for analysis of blast furance slags, 11603
see also Slag.
Blasting:
effects of jointing and bedding separation on limestone breakage at reduced scale, 11635
Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
see also Explosives.
Blennies:
clinid fishes of Chile and Peru, with description of Myxodes ornatus, 09608
Blight:
property taxes and urban blight, study, 01295
Blind:
aid to blind program, findings of 1970 AB study, financial circumstances, 05653
books on open reel tape, list, 00532
new braille musician, print supplement, 05560
Randolph-Sheppard act, amend–hearings, 06401
services to blind, community concern, training resource, 08192
State public assistance plans under Social security act, 00634
Blind and other Severely Handicapped, Committee for Purchase of Products and Services of, *see* Purchase of Products and Services of the Blind and Other Severely Handicapped, Committee for.
Blister rust:
summary of blister rust research in Lake States, 07825
Block caving, *see* Mines and mining.
Block Island Sound:
tidal current charts, 09550
Blocks:
building glass, tile, brick, and block, Federal item identification guide, 05250
Blood:
cerebrovascular bibliography, including neurological, vascular, hematological aspects, 01713
clinical laboratory procedure, hematology, 07155
fibrinolysis, thrombolysis, and blood clotting, bibliography, 02019
hematologic responses to severe decompression stress, 04579
hemopoiesis in culture, 08762
NHLI'S blood resource studies, 01439
normal carboxyhemoglobin levels of blood donors, 07735
plasma volume and body weight in dogs, correlation, 09688
respiratory gas exchange and blood flow in placenta, 01454
see also Carboxyhemoglobin.
Blood banks:
blood banking alternatives, cost analysis, 01424
Blood pressure:
don't take chances with high blood pressure, 11687
high blood pressure detection and control, guidelines for community programs, 10283
levels of children 6-11 years, relationship to age, sex, race, and socioeconomic status, 06931
medical basis for comprehensive community hypertension control programs, 04726
national high blood pressure education program–
community education plan, 05668
data base for effective antihypertensive therapy, 06937
executive summary of reports, 06940
professional education plan, 06938
resource and impact assessment, 06939
public and high blood pressure, 04659

Blood pressure—Con.
renal disease and hypertension, Public Health Service cooperative study, conference proceedings, 00360
underwriting significance of hypertension for life insurance industry, 06941
Blood vessels:
cerebrovascular bibliography, including neurological, vascular, hematological aspects, 01713
Blotters:
paper, blotting, Federal standard, cancellation, 04417
Blotting paper:
hand blotter rockers, Federal standard, cancellation, 05375
Blowdown:
predicting and controlling residual chlorine in cooling tower blowdown, 01171
technical and economic evaluations of cooling systems blowdown, control techniques, 06566
Blowers:
drift of 2,4,5-T applied with mist blowers, 06658
regenerative blower/pumps from West Germany, Tariff Commission report, 11265
BLS, *see* Labor Statistics Bureau.
Blue crab:
basic economic indicators, 01474
Board of International Broadcasting, *see* International Broadcasting Board.
Board of Trustees of Federal Hospital Insurance Trust Fund:
annual report, 02958
Board of Trustees of Federal Old-Age and Survivors Insurance and Disability Trust Funds:
annual report, 04035
Board of Trustees of Federal Supplementary Medical Insurance Trust Fund:
annual report, 02959
Boards (lumber), *see* Lumber.
Boating:
Coast Guard boating safety circular, 08962
Boats, *see* Ships.
Boattails:
flight Reynolds numbers effects on contoured boattail nozzle at subsonic speeds, 09494
Bodies (aerodynamics), *see* Aerodynamics.
Bodies of revolution:
aproach of 2 bodies separated by perfectly elastic particle, 08180
blockage ratio on drag and pressure distributions for bodies of revolution at transonic speeds, effect, 06865
comparison of finite-difference schemes for stress analysis of shells of revolution, 05616
finite element for thermal stress analysis of shells of revolution, 06859
methods which predict supersonic flow fields from body geometry, distance, and Mach number, study, 06873
Body (human), *see* Anatomy.
Body measurements:
body weight, stature, and sitting height, white and Negro youths 12-17 years, 03652
height and weight errors in aeromedical certification data, 07248
Body weight:
body weight, stature, and sitting height, white and Negro youths 12-17 years, 03652
height and weight errors in aeromedical certification data, 07248
plasma volume and body weight in dogs, correlation, 09688
Bogalusa, La.:
flood plain information, 07695
floods, 07704
Boggs, Hale:
Federal buildings, name for—
law, 06178
report, 03081, 03193
memorial services, 00817
Bogue Lusa Creek:
flood plain information, 07695
floods, 07704
Bohannon, Purita P.:
relief, 00838, 00979
Boiler fuel, *see* Fuel.
Boilers:
experimental combustor for development of package boiler emission control techniques, 01173
fluidized-bed boiler combined-cycle power plant development, appendices, 07740
program for reduction of NOx from tangential coal-fired boilers, phase I, 00331
residual-oil-fired boilers, effectiveness of selected fuel additives in controlling pollution emissions, 04361
SNAP-8 refractory metal boiler development program, 10206
solid waste as supplementary fuel in power plant boilers, energy recovery from waste, 06590
steel power boilers, current industrial report, 11324
surface combustion concepts for NOx control in utility boilers and stationary gas turbines, investigation, 00332
Boiling water reactors, *see* Reactors (atomic).
Bolivia:
area handbook, 11300
economic trends and their implications for United States, 03478
mineral industry, 11049
Bollweevils, *see* Weevils.
Bollworms:
corn earworm (Heliothis zea), artificial diets for mass rearing, 02821
releases of parasites for suppression of pink bollworms in Arizona, 05922
Bolts and nuts:
bolt, fluid passage, Federal item identification guide, 04289
Bomar, Thomas R.:
nomination—
hearing, 05121
Bombing (aerial):
Cambodia, hearings, 09188
Cambodia, Presidential impeachment investigation, statement of information, hearings, 09846
Bombs:
and components, Federal item identification guide, 05230
hazardous devices course, 00517
BOMEX, *see* Barbados Oceanographic and Meteorological Experiment.
Bonding of materials:
bond flaws in aluminum panels reinforced with boron-epoxy, holographic and ultrasonic detection, 11665
carbonate bonding of taconite tailings, 07769
gold-ribbon hybrid-microcircuit crossovers, characterization and schedule development, 02846

Bonding of materials–Con.
microelectronic ultrasonic wire bonding, semiconductor measurement technology, 05649
Bonds:
housing authorities, schedule of maturities for new bonds, 11555
open market money rates and bond prices, monthly, 02404
sales for public school purposes, 07660
water and sewage bond sales in Unites States, 11755
see also Savings bonds.
Bonds of officers, etc.:
elimination of surety bonds for Federal personnel, experience of Federal agencies, review, 09850
Bonds of United States:
repeal interest ceilings and institute procedures for tax refunds on interest bearing Treasury bonds–
hearings, 00168
7 1/2 percent Treasury bonds of 1988-93, 03807, 03811, 10475
8 1/2 percent Treasury bonds of 1994-99, 11277
State and local government series, and U.S. Treausry bonds, regulations, 01587
see also Government securities.
Bone marrow, *see* Marrow.
Bonito, Manuela C., *see* Martin, Manuela B..
Bonner County, Idaho:
special flood hazard information, 07708
Bonneville Dam, Columbia River:
fish ladders, modification, hydraulic model investigation, 09268
Bonneville Power Administration:
energy research and development, special appropriations, 1975–
hearings, 09815
generation and sales statistics, 03929
public works appropriations, 1974–
waiving points of order, report, 02969
public works appropriations, 1975–
hearings, 09813
Bonus (military):
combat-element enlistment bonus, extend–
hearings, 09819
reenlistment bonus pay structure, revise–
hearings, 08382
special pay bonus structure, expand and revise–
hearings, 07466
special pay bonuses for members of Armed Forces, 08368
Bonus system:
code of Federal regulations, 03349
payments to low-income heads of families equal to 10 percent of their wages under social security, 00209
Bookbinding:
printing, duplicating, and bookbinding equipment, Federal item identification guide, 07625, 11446
Books:
books about cities, 05445
books on open-reel tape, list, 00532
books, copyrights, and Customs, 05190
children, 1973 list, 10167
Library of Congress author catalog, 02348
Library of Congress subject catalog, 02241, 04027, 08686
media selection for students, etc., aids, supplement, 03312
specifications for microfilming in Library of Congress, 01366
Booms:
fabric boom concept for containment and collection of floating oil, 06569
forces generated in ice boom structures, 07678
spray boom assembly, equip tips, 05390
Boone County, Ky.:
soil survey report, 03748
Boone Reservoir:
fish kill, May 9-11, 1969, 10058
Boost-glide vehicles, *see* Aircraft.
Boots and shoes:
casual footwear and slippers for men, Capital Footwer Corp., Tariff Commission report, 11261
footwear for men, Wall-Streeter Shoe Co., Tariff Commission report, 08864
footwear for men and women–
Milford Shoe Co., Inc., Tariff Commission report, 08863
Westland Shoe Corp., Tariff Commission report, 11262
footwear for women–
Dee-Vee Footwear Inc., Tariff Commmission report, 10460
Don Gustin Shoe Co., Inc., Tariff Commission report, 03798
Forann Corp., Tariff Commission report, 05867
Fred Braun Workshops, Inc., Tariff Commission report, 09639
M. Lauer, Inc., Tariff Commission report, 05868
Nina Footwear Co., Inc., Tariff Commission report, 08250
Sbicca of California, Inc., Tariff Commission report, 08865, 09630
Sun-Cal Footwear, Inc., Tariff Commission report, 10461
Zuckerman and Fox, Inc., Tariff Commission report, 05869
footwear for women and misses–
Criterion Footwear, Inc., Tariff Commission report, 05865
Moxees Shoe Corp., Tariff Commission report, 05866, 07072
footwear for women, misses, and children, Young Ones, Inc., Tariff Commission report, 00701
footwear, Federal item identification guide, 11444
footwear, rubber soled with fabric upper, Cranbar Corp., Tariff Commission report, 10463
Massachusetts shoe manufacturers and United Shoe Workers of America, wage chronology, 06804
men's, women's, children's, and infant's slippers, Dolly Novelty Shoe Co,, Inc., Tariff Commission report, 10462
shoes and slippers, current industrial reports, 01846
U.S. consumption of footwear, except rubber, 1972-73, 11449
Bordeaux, France:
summary of synoptic meteorological observations, 08175
Boreholes:
anticipated closure rates for proposed drill hole, Ross Ice Shelf, Antarctica, 01104
determination of attitudes of joints surveyed with borescope in inclined boreholes, 07972
hydraulic testing accompanying drilling of five exploratory holes, Piceance Creek basin, Colo., 04467

Boreholes–Con.
hydraulic tests in hole UAe-2, Amchitka Island, Alaska, 04468
large borehole for degasification of virgin Pittsburgh coalbed, 01380
NX borehole jack modulus determinations in homogeneous, isotropic, elastic materials, 11056
upper Brazos River basin, Tex., location and characteristics of interface between brine and fresh water from geophysical logs, 04476
Bores (tidal phenomena):
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling Plum Island-Castle Neck, Mass. 06488
Bork, Robert H.:
nomination–
hearings, 05156
Boron:
mineral industry surveys, 07969, 11597-8
tensile behavior of boron epoxy-reinforced 7075-T6 aluminum alloy at elevated temperatures, 09520
Boscas, Peter:
estate, relief, 11374
Boston National Historical Park:
establish–
report, 06336
Boston, Mass.:
proposed elimination of OEO and related legislation–
hearings, 06290
Botany:
botanical evidence of glacier activity (series), 06700
historic flood information for northern California streams from geological and botanical evidence, 04473
Bottles:
bottle test, algal assay procedure, 07723
dark bottle method, determination of aquatic primary productivity (photosynthesis) in Lake Koocanusa, Mont., 04463
plastic, current industrial reports, 01846
Bottling:
bottled water study, water bottlers and bottled water, 01147
Botulism:
United States, 1899-1973, 09584
Boulder Canyon project:
electrical equipment, Lower Colorado region, field review of maintenance, 03723
Boulder Creek:
floods, Santa Cruz County, Calif., 01131
Boundaries:
application of boundary integral method to elastic analysis of V-notched beams, 04626, 10254
International boundary study, 07045-7, 10438
studies–
Dahomey-Niger, 03769
Guinea-Portugues Guinea, 07046
Lesotho-South Africa, 07047
Portuguese Guinea-Senegal, 07045
Boundary layer:
acoustic sounding in planetary boundary layer, 11093
comparison of theoretical and experimental boundary-layer development in mixed-compression inlet, 08723
compliant wall drag reduction in turbulent boundary layers, 10209
computer program for laminar, transitional and turbulent boundary layers for compressible axisymmetric flow, 11662
conically diffused flow with nearly separated boundary layer, 06889
convective velocities in turbulent boundary layer, measurements and model, 03607
delaying boundary layer separation, use of multiple discrete wall jets, 11087
differential analysis for turbulent boundary layer on compressor blade element, 10252
drag characteristics of circular cylinders in laminar boundary layer at supersonic free-stream velocities, 06871
effects of flanges on pressure distribution in flow separation of turbulent boundary layer, 08719
hypersonic boundary-layer transition to turbulent state and effects of wind-tunnel disturbances, 08728
marine, aircraft investigation of turbulence in lower layers, 10326
Martian thermal boundary layers, subhourly variations induced by radiative-conductive heat transfer, 03587
mean flow and turbulence measurements in Mach 5 free shear layer, 08054
modeling of turbulent transport in surface layer, 03601
numerical marching techniques for boundary layer flows with heat transfer, 06847
phenomena, acoustic radar investigations, 10210
sharp- and blunt-nose streamwise corners shock waves and boundary layer interaction, 10234
subsonic inlet diffuser geometries for engine nacelles, boundary-layer analysis, 08732
transition in heating of large flat plat at Mach 7 in Langley 8-foot high-temperature structures tunnel, 01404
trip protuberances in overexpanded rocket nozzles, procedures for calculation, 11119
Boundary value problems:
boundary-integral methods in elasticity and plasticity, 06879
calculating reentry base heating by prediction of reentry thermal environment, 08065
effect of finite thrust and heating constraints on synergetic plane change maneuver of space shuttle orbiter-class vehicle, 06855
Bovine mastitis, *see* Mastitis.
Bows and arrows, *see* Archery.
Boxes:
electrical components, Federal item identification guide, 05218
Federal standards, cancellation, 05378, 05380
fiber, solid, Federal standard, cancellation, 05379
mechanical component failure prognosis study, 06014
Boy Scouts of America:
annual report, 05016
Boycotts:
food embargo as response to present Arab oil boycott, data and analysis, 06234
Brace, Janet L.:
relief, 00970
Brachiopods:
early Paleozoic brachiopods of Moose River synclinorium, Maine, 01265
Brackets:
holders, supports and brackets, electrical and electronic, Federal item identification guide, 05255

564-800 O - 75 - 8

Bradley, Omar:
retirement pay cost-of-living adjustment—report, 10607
Braille system, *see* Blind.
Brain:
focal brain pathology as related to stimuli varying in significance changes in late components of evoked potentials under normal conditions, USSR study, 07922
implanting monopolar cortical electrodes in large laboratory animals, modified methods, 07957
occipital impacts, experimental trauma, 08903
where can I go for information on brain and nervous system?, 04671
Brakes:
bicycle coaster brakes, workers and former workers of Bendix Corp., Motor Components Division, Elmira, N.Y., Tariff Commission report, 07070
brakes and brake components, Federal item identification guide, 04305
comparison of braking performance for 1974 passenger cars and motorcycles, 06942
lining and shoe, friction, Federal item identification guide, 05222
Branching (botany):
epicormic branching on hardwood trees bordering forest openings, 00413
Branded merchandise:
brand names identical to products purchased and tested for use by Federal Government, 07812
Brass:
recovery of zinc and lead from brass smelter dust, 11067
Brass mills:
shapes, inventories, current industrial reports, 00770, 01846-7
Brayton cycle:
flight-type laminar radiator with Brayton power system, performance, 08738
gas-lubricated cruciform-mounted tilting-pad journal bearings and damped flexibly mounted spiral groove thrust bearing designed for Brayton cycle rotating unit, 09489
nuclear reactor thermal transients during startup of 60-KWe Brayton power conversion system, 08720
Brazil:
economic trends and their implications for United States, 04530
economy, basic data, 06461
map, 06101
Peace Corps program, agreement, 01575
selling in, 04330
shrimp fisheries agreement, implement—hearings, 04135
law, 06196
report, 06231, 09881
treaty, 11780
Brazing, *see* Solder and soldering.
Brazos River:
upper basin, Tex., location and characteristics of interface between brine and fresh water from geophysical logs of boreholes, 04476
Breach of contract:
persons or firms currently debarred for vilations of various public contracts acts incorporating labor standards provisions, list, 01798
Breakfasts:
school breakfast programs—hearings, 06359
Breakthrough Operation, *see* Operation Breakthrough.
Breakwaters:
wave action and breakwater design, Hamlin Beach Harbor, N.Y., hydraulic model investigation, 00320
Breast:
breast, self examination, health habit, 09526,
Bremsstrahlung radiation:
auroral bremsstrahlung at balloon altitudes, 01398
Bretton Woods agreement, *see* International Bank for Reconstruction and Development-International Monetary Fund.
Bricks:
building glass, tile, brick, and block, Federal item identification guide, 05250
steam-cured bricks from industrial mineral wastes, 11057
Bridges:
Atlantic coast, bridges over navigable waters, 00803
narrow bridges, driver dilemmas, highway safety design and operations—hearings, 00161
special bridge replacement program, annual report of Dept. of Transportation, 09965
standard plan for highway bridges, typical continuous bridges, load factor design, 04407
see also Bailey bridges.
Brighton Reach, Colo.:
hydrogeologic characteristics of valley-fill aquifer in Brighton Reach of South Platte River Valley, Colo., 01255
Brighton, Colo.:
hydrogeologic characteristics of valley-fill aquifer in reach of South Platte River Valley, Colo., 04469
Brines:
atomic absorption methods of analysis of oilfield brines, barium, calcium, etc., 10197
location and characteristics of interface between brine and fresh water from geophysical logs of boreholes in upper Barzos River basin, Tex., 04476
Broadband, *see* Bandwidth.
Broadcasting, see Radio broadcasting—Radio stations—Television.
Broadwoven goods, *see* Textiles.
Broilers, *see* Chickens.
Brokers:
Federal paperwork burden, small securities broker-dealers requirements—hearings, 01053, 11431
oil brokers, responsibility for price increases in current energy shortages—hearings, 11434
Bromine:
mineral industry surveys, 07970, 11043, 11599
Bromochlorodifluoromethane, *see* Bromochlorofluoromethane.
Bromochlorofluoromethane:
catalytic decomposition of fire extinguishant bromochlorodifluoromethane, 08171
Bronze:
thin-film sodium tungsten bronzes, preparation and evaluation, 08047
Brooks Range:
eastern, hydrologic reconnaissance of streams and springs, Alaska, 04470
Brotherhood of Eternal Love:
hashish smuggling and passport fraud—hearings, 07540

Broward County, Fla.:
and adjacent areas, beach erosion control projects, ecological monitoring, 09980
water resources, data, 00442
Brown rust:
wheat, USSR study, 07910
Brown Swiss cattle, *see* Cattle.
Brown, George S.:
nomination–
hearing, 00201
Brownrigg, Leonard A.:
relief, 00884
Browns Ferry Nuclear Station:
units 1,2, and 3, Tennessee Valley Authority, fiche index for nuclear dockets, 06040
Brownsville, Tenn.:
flood plain information, 07696
floods, how to avoid damage, 06512
Browse, *see* Forage plants.
Brucellosis:
surveillance, annual summary, 11331
Brunei, Borneo:
accessions list, Library of Congress, Djakarta, 01598, 11030
synoptic meteorological observations, 11710
Brunswick, Ga.:
ports, 09274
Brunthaver, Carroll G.:
U.S. agricultural developments and policies and world food situation, 05958
Brushes:
cleaning and painting, Federal item identification guide, 04312
rotary brushes and buffing wheels, Federal item identification guide, 04292
Brushes (electric machinery):
electrical contact brush, Federal item identification guide, 04300
Brussels tariff nomenclature, *see* Tariff.
Bryan County, Ga.:
soil survey report, 11235
Bryan, Tex.:
floods, how to avoid damage, 11462
Btu (British thermal unit), *see* Heat.
Bubbles:
beneficial use of cavitation bubbles, USSR study, 04546
bubble plume gas transfer, hypolimnion aeration with commercial oxygen, 09996
Buchanan County, Va.:
geologic structure analysis using radar imagery of coal mining area of Buchanan County, Va., 08005
Buchowiecki, Gabriel E.:
relief, 11369
Bucket loaders, *see* Loaders (mechanical).
Buckhorn Reservoir:
health aspects report, 11727
Buckling, *see* Strains and stresses.
Bucks County, Pa.:
floods, 11466
Bucks Lake quadrangle:
geology, Buttee and Plumas Counties, Calif., 08615
Budget in business:
annual work programs and budgets for rural electric distribution systems, 10399
Budget of the United States:
appropriations, 1974, amendments, 06209
Budget and accounting act, amend–
law, 11350
report, 05036
Budget and impoundment control act–
hearings, 06307
report, 04068, 04072, 09175
budget in brief, 05567
budget 1975, advance look, 06202
Congressional budget act–
report, 10732
Congressional control and national priorities–
hearings, 07460, 07574
Federal R & D funding by function, analysis, 08787
fiscal 1975 budget proposal, what it means for older Americans, 06356
improving Congressional control of budget–
hearings, 06391
legislative requests for 1974 and 1975, amendments, 09871
national priorities and budgetary process–
hearings, 06204
1975 budget–
departmental editon, 05565
departmental edition, appendix, 05566
document edition, 05028
document edition, appendix, 05029
hearings, 07387
special analyses, 06812
status, 1974, scorekeeping report, 00178, 00956, 05094, 06311, 09864
status, 1975, scorekeeping report, 09865
Budgets:
Tennessee Valley Authority, 1975, justification and estimates, 10468
see also Budget in business–Budget of United States–Budgets (family and personal).
Budgets (family and personal):
retired couple, guide to budgeting, 00721
retired couple's budgets in Southwest , 04568
urban family budgets updated to autumn 1972, 01361
Buena Vista Creek:
flood plain information, Pacific Ocean to Vista, San Diego County, Calif., 01114
floods, Pacific Ocean to Vista, San Diego County, Calif., 01126
Buffalo River:
bio-assay investigations for International Joint Commission, 10376
Buffalo, N.Y.:
area wage survey, 03537
employee-attitude and office environment analyses for development of human and architectural requirements, Buffalo District Office, 09985
Buffaloes, American, *see* Bison.
Builders:
hardware, Federal item identification guide, 07629
1 & C, Navy rate training manual, 09578
Building :
building science series, 06903, 11677
building technology, weekly Government abstracts, 02763
Center for Building Technology, project summaries, 11165
compendium of concepts, feedback, Operation Breakthrough, 11548
construction complaints handbook, 05452
construction methods of Harold D. Roberts Tunnel, Colorado, history, 07862
construction reports, residential alterations and repairs, expenditures, 01805
current construction reports, 01841
data-based methodology for specifying construction project durations, 03318, 07682
design, siting, and construction of low-cost housing and community building to better withstand earthquakes and windstorms, 06903

Building–Con.
future construction abroad, quarterly summary, 02523
gaseous diffusion plant, environmental effects of construction and operation, 07236
low-rent public housing construction–
handbook, 11551
processing instructions, 10121
METRO's costs and construction progress, transit authority's system of reporting on its status needs to be improved, GAO report, 10938
National building standards act–
report, 03047
notice of construction, alteration, activation, and deactivation of airports, Federal aviation regulations, 01952
performance in 1972 Managua earthquake, 03648
permits, housing authorized, construction reports, 01801
planning for emergency construction, surveys, maps, and construction plans, 06006
pollution resulting from all construction activity, processes, procedures, and methods to control, 04381
projects for counter-seasonality measures, evaluation, 06498
reimbursement for sewage treatment facilities construction–
report, 03190
State and local governments, construction expenditure, 01799
structural engineering, weekly Government abstracts, 02766
systematic determination of engineering criteria for rock, 09987
theory and construction of multivariate Gaussian surfaces, 01501
traffic controls for street and highway construction and maintenance operation, manual, 09302
waste water treatment construction grants, project register, 05335, 08554
wastewater treatment works, costs of construction of publicly-owned, 08433
winter construction, bibliography, 10812
see also Construction industry.
Building machinery:
construction machinery, current industrial reports, 01847
earth moving equipment, Federal item identification guide, 06444
Building materials, *see* Construction materials.
Building paper:
Federal item identification guide, 04314
Building trades:
census of construction industries, publication program, 03933
Buildings:
application of solar energy to heating and cooling of buildings, research on subsystems and systems, 09566
architectural guidelines to promote efficient energy use–
hearings, 05083
building science series, 03628
concrete for military structures, standard practice, technical manual, 09682
concrete structural design for buildings, 04867
controlling wood-destroying beetles in buildings and furniture, 02816
documenting legacy, 40 years of Historic American Buildings Survey, 07954
electromagnetic shielding of structures, 07684
energy conservation handbook for commercial buildings, 07324
energy conservation in federally funded construction of buildings–
hearings, 08432
Foreign Service program, 1974, additional appropriations, authorize–
law, 9004
model documents for evaluation, approval, and inspection of manufactured buildings, text and appendixes, 06909
occupant behavior in high rise building fires, 09523
prefabricated structures, Federal item identification guide, 05248
Solar Heating and Cooling for Buildings Workshop, proceedings, 08804
technical options for energy conservation in buildings, 00562
Bulgaria:
background notes, 04741
Chernomor-2 Soviet-Bulgarian experiment, 11011
Bulls:
USDA-DHIA sire summary list, 03838
Bumpers:
Federal item identification guide, 06447
Bunker oil, *see* Petroleum as fuel.
Buoyancy-material:
buoyant tornado-probe concept incorporating inverted lifting device, 04621
Burglary, *see* Theft.
Burlington Northern, Inc.:
accident investigation, summary report, 01543, 07020
railroad employee accident investigation report, 00628, 07022
Burners, *see* Incinerators.
Burning, *see* Combustion–Flames.
Burning of land:
prescribed burning in Lake States, 1971, 06646
tamarack seedlings prosper on broadcast burns in Minnesota peatland, 04437
Burnishing, *see* Grinding and polishing.
Burns and scalds:
research program to alleviate and rehabilitate fire victims–
hearings, 10761
report, 03197
Burt, Alvin V., jr.:
relief, 11361
Buses, *see* Motorbuses.
Bushings (electrical):
plain, Federal item identification guide, 07596
Bushings (plumbing):
Federal item identification guide, 06447
Business:
Andean Common Market, implications for U.S. business, 03298
business & economics, weekly Government abstracts, 02764
business conditions digest, 01603, 01691
business credit and assistance, code of Federal regulations, 09308
business outlook for 1974 in Nation (remarks), 04969
concentration by competing fuels in energy market and its impact on small business, investigation report, print additional copies–
report, 09764-5
conditions report, special, 06465
consultation in household employment and followup surveys, 08270

Business–Con.
county business patterns, CBP series, 00058-9, U.S. summary, 02869
criminal redistribution systems and their economic impact on small business–hearings, 00243
current business reports (series), 01834-40
data uses in private sector, proceedings of executive seminar, 09710
directory of minority business resources, 07323
domestic business and industry, selected publications to aid, list, 03305
economic impact of crime on business (remarks), 00290
economic injury loans for displaced small businesses, 05782
education and training for minority business enterprise, task force report, 09719
energy conservation and business community, 03982
energy crisis and small business, 07449
ENTERPRISE standard industrial classification manual, 11590
establishing business in Pakistan, 05269
export information services for U.S. business firms, 07638
Federal crime insurance against burglary and robbery losses, 09350
Federal paperwork burden–report, 11431
Federal Trade Commission's application of antitrust laws to big business exploitation of energy crisis in misleading advertising (address), 10051
foreign direct investors in U.S., list of foreign firms with some interest/control in American manufacturing and petroleum companies in U.S., 03466
fourteen ways Department of Commerce can help make your business more profitable, 08638
franchise opportunities handbook, 06457
Government minority enterprise programs, hearings, 07449, 10714
handicrafts for home businesses, bibliography, 01547
home businesses, bibliography, 08831
how to do business with DHEW, 10093
income tax returns, statistics, 03456
indexes, monthly, 01692
industrial reorganization for establishing competition by outlawing monopolies and oligopolies–hearings, 08498
industry/business emergency planning seminars, 04267
international econmic indicators, 03302
let's do business, Veterans Administration, 05899
loans to small busines concerns affected by energy shortage–report, 09176
losses from operating business, tax information, 05474
minority business opportunity committee handbook, guidance and procedures, 00082
operation BUSINESS MAINSTREAM, SBA's expanded programs for all minority individuals, 05788
overseas business reports, 00281-9, 01079-80, 02413, 03298-303, 04329-34, 05266-74, 06459-63, 07639-41, 08528-31, 09976-7
product performance and servicing, examination of consumer problems and business responses, 01428
professional minority consulting firms, nationwide roster, 10854
recordkeeping for small business, 03453
sale or other disposition of business or business interes, tax information, 03454
SBA loans, 05787
selling to Department of Treasury, 11279
service checklist, guide to Commerce Dept., publications, weekly, 01693
small business–
act, amend, law, 06192
and energy shortgage, hearings, 04149
and labor surplus area specialists designated to assist businessman, 05264
aspects of selected recommendations of Commission on Government Procurement, 08457
bibliography, 01547, 08831-3
certificates of competency for contracts by SBA, 08204
concerns financed by small investment companies, results of survey, 09607
Federal paperwork burden, hearings, 07575
financing by SBIC's, summary, 10406
impact of actions and policies by Federal regulatory agencies, ICC report, 10662
impact of environmental standards, hearings, 09120
impact of fuel control, hearings, 07576
investment companies, assistance to disadvantaged entrepeneurs, 08830
investment companies, SBIC industry review, 10405
limited business of Federally financed minority businesses in 3 cities, GAO report, 06688
loss due to DoD machinery leasing practices to large contractors, hearings, 00166
management assistance, 08829
1974 tax guide, 04521
position in procurement for Federally supported programs, hearings, 04145
primer on Government contract claims, 05188
problems in gasoline marketing, hearings, 04146
problems involved in marketing of grain and other commodities, hearings, 06308
procurement and subconracting in labor surplus areas by Government, hearings, 07577
procurement policies of Federally supported programs, 06225
provide loans for concerns adversely affected by energy shortages, hearings, 10760
role in franchising, hearings, 04148
role in franchising, report, 03084
SBIC, investment company, starting, 07028
vital majority in American economy, 05789
special current business reports, 02606
statistics, Federal reserve monthly chart book, 02001
statistics, weekly, 01694
success of Office of Minority Business Enterprise, (address), 06128
survey of current business (periodical), 02638–weekly supplement, 01694
thirty-three money-saving ways to conserve energy in your business, 04975

Business–Con.
U.S. business involvement in southern Africa–
hearings, 09078
what's your game plan for disasters? industry/business emergency planning course, enrollment information, 09246
see also Competition.
Business consolidations:
hospitals, merger, 04490
mergers and acquisitions, F.T.C. statistical report, 11530
see also Mergers.
Business education, *see also* Distributive education.
Business finance companies, *see* Finance companies.
Business names:
name or symbol of Federal Government in collection of debts, prohibit misuse–
law, 04007
report, 03195
Busing, *see* School buses.
Butadiene:
plastic resin in pellet and powder form from Japan, Tariff Commission report, 07067
Butte County, Calif.:
geology of Pulga and Bucks Lake quadrangles, 08615
Butter:
butter, butter substitutes containing butterfat and butter oil, Tariff Commission report, 08248
futures trading and open contracts, 02056
Butter fat:
butter substitutes containing butterfat and butter oil, Tariff Commission report, 08248
Butterfat, *see* Butter fat.
Butterflies:
North America north of Mexico, bibliography, 11760
Butterfly valves, *see* Valves.
Buttons:
Federal item identification guide, 04306
Buying, *see* Purchasing.
Buzhardt, J. Fred Jr.:
nomination–
hearings, 10755
Bypasses (mechanical):
distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101

C

C-5A, *see* Aircraft.
CAB, *see* Civil Aeronautics Board.
Cabell, Earle, Federal Building, *see* Earle Cabell Federal Building.
Cabinet Committee on Cable Communications:
report to President, 11215
Cabinet Committee on Opportunities for Spanish Speaking People:
activities–
hearings, 00134
appropriations, 1974–
report, 00992, 06322
appropriations, 1975, authorization–
report, 03052, 04056
newsletter, Hoy, 02141
press releases, 02452
Cabinets:
and racks, Federal item identification guide, 06424
hardware, Federal item identification guide, 07629
Cabins:
aircraft cabin fire extinguising system, design calculations for a Halon 1301 distribution tube, 09627
Cable cars:
commemorative medals, authorization–
law, 02939
report, 02995
Cable Communications, Cabinet Committee on, *see* Cabinet Committee on Cable Communications.
Cables:
cable television, handbook for decisionmaking, 11697
cables, wiring and cords, terms and definitions, USSR study, 05512
computing static deflections of structural cable arrays, 08174
rope, cable and chain fittings, Federal item identification guide, 07604
scientific and technical conference on problems, USSR, 08641
technical requirements for broadband cable teleservices, survey–
selected bibliography, 04972
signal transmission and delivery between head-end and subscriber terminals, 03985
subscriber terminals and network interface, 00808
summary of technical problems associated with broadband cable teleservices development, 00807
system control facilities, head-ends and central processors, 00809
system interconnections, 03986
two-way cable communications, design studies for experimental application to urban social service delivery and administration, 09564
use of computers in CATV two-way communications systems, 02894
vibra-tension model ET-U for measuring tension or load, 11694
see also Connectors (electric)–Electric cables.
Cabrillo National Monument:
general information, 01487
Cabs:
semisymmetric cabs, used on underground electric face equipment, elastic plane frame analysis, 04586
Cache La Poudre River and Valley:
Greeley, Colo., bacteriological survey, 10867
waste discharges, effects on water quality, 11488
reading list, 00464
Cadets, *see* Air Force Academy, Colo..
Cadmium:
mineral industry survey, quarterly, 01695
tentative analytical methods for cadmium in water, 11750
Cages:
emergence cage for soil-pupating Rhyacionia spp., 08590, 10069
Caicos Islands:
economic trends and their implications for United States, 00482
Cairo, Ill.:
Civil Rights Commission hearing, 10550
racism at floodtide, 04947

Cakes:
flexibly packaged cakes, development, 04846
Calcium chloride:
mineral industry survey, 05573, 11600
Calcium cyanamide:
effect on growth and nutrition of planted yellow-poplar seedlings, 06665
Calcium pantothenate:
from Japan, Tariff Commission report, 05863
Calculations, *see* Numerical calculations.
Calculators:
calculator, altitude ML-646 (XE-1)/UM, design considerations, 03905
veterans' benefits, authorize printing, report, 10630
Calculus:
co-moving tensorial calculus derivative, general form, 11660
Calendars:
calendar of environmental meetings, quarterly, 02516
calendar of Smithsonian Institution, monthly, 01697
Federal Trade Commission, 01696
overseas trade promotions calendar, 03304, 09256
purchase of U.S. Capitol Historical Society wall calendars for use of Senate—
report, 10738
tax calendar and check list, 03457
Calero Creek:
flood plain information, Santa Clara County, Calif., 00300
Calf, *see* Calves.
Calibration:
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
calibration and test services of National Bureau of Standards, supplements, 02285
explicit calibration of PILLS II system, 04365
flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
precision measurement and calibration, image optics, 08099
sensor cleaning and field calibration, maintenance manual, 09319
California:
census portrait, 08310
climatological data, 01726
cooperative soil surveys, what they can do for you, 08217
electric rate book, 03343
fluvial settlement data, inventory of published and unpublished, 07853
historic flood information for northern California streams from geological and botanical evidence, 04473
landings, fish and shellfish, 01698
military base closures or realinement program—
hearings, 04189
Oligocene stratigraphy, tectonics, and paleogeography, 05434
poster, 09651
precipitation data, hourly, 02097
proposed streamflow data program, 07864
Redwood National Park, general information, 11187
registry of minority contractors and housing professionals, listing in selected cities, 00456
reports for California by Geological Survey, Water Resources Division, list, 04480
southern, talent and modeling agencies, 01229
Tahoe basin area, soil survey report, 09616
water resources data, 07865, 10953-4
water temperatures of streams—
central coastal subregion, 07866
Sacramento Basin subregion, 07867
Tulare Basin and San Joaquin subregions, 09346
Calloway County, Ky.:
soil survey report, 08219
Calves:
veal calf production and marketing in Northeast, 06603
CAMAC, *see* Electronic data processing systems.
Cambodia:
bombing, hearings, 09188
bombing, Presidential impeachment investigation, statement of information—
hearings, 09846
emergency assistance, provide—
law, 06166
report, 05038, 09149
emergency military assistance—
hearings, 06365, 06383
emergency security assistance, appropriations, 1974—
hearings, 05057
U.S. assistance to Khmer Republic (Cambodia), AID, State Department, and Defense Department administration, GAO report, 01249
see also Khmer Republic.
Cambodian language:
reference aid, abbreviations in Cambodian and Lao press, 09389
Cameras:
application of holography as real-time 3-dimensional motion picture camera, 03617
facsimile-camera response to object motion, investigation, 09510z
facsimile-camera response to radiant point sources, analysis, 05622
filter spectrometer concept for facsimile cameras, 11132
high frame rate underwater camera system, 06050
optical analysis of compound quasi-microscope for planetary lander cameras, 10237
optimized video output from wide angle optical probe/television camera, 10501
responsivity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, investigation, 04622
spaceborne facsimile cameras, controls for drift, video gain, and color balance, 04620
triangulation of multistation camera data to locate curved line in space, 11131
Cameroon:
background notes, 08228
economic trends and their implications for United States, 04534
Campaign expenditures:
campaign financing, Presidential campaign activities of 1972—
hearings, 08505
Federal election campaign act, amendments, report, 09044
Campaigns (political), *see* Elections.
Campbell County, Ky.:
soil survey report, 03748
Campbell, Naoyo:
relief, 00829, 00872
Campers:
campers, stop hitchhiking gypsy moths, 00016

Campgrounds, *see* Camps.
Camping:
in national park system, fees, facilities, etc., 10331
Campos, Juan M. Cordova, *see* Cordova-Campos, Juan M..
Camps:
special recreation use fees at additional campgrounds—
hearings, 07533
summer camp application, evaluation of biodisc treatment process, 04369
Campuses, *see* Colleges and universities.
Can openers:
electric can openers and dryers, Roto-Broil Corp. of America, Tariff Commission report, 08862
Canada:
automobile agreement, operation of automotive products trade act, annual report, 06381
Canadian market for United States travel, study, 11280
Canadian regional experience, a look to the north, 10487
economic trends and their implications for United States, 03470
elemental sulfur from Canada, Tariff Commission report, 05864
energy crisis, impact of Canadian policies of export controls—
hearings, 05058
hydraulic research, 06911
international field year for Great Lakes, agreement, 05839
iron and sponge iron powders excluding alloy powder from Canada, Tariff Commission report, 07074
market profiles, 06462
nongovernment organization codes for military standard contract administration procedures (MILSCAP), United States and Canada, name to code, 09975
primary lead metal from Australia and Canada, Tariff Commission report, 07077
promotion of safety on Great Lakes by means of radio agreement—
report, 00186
reciprocal fishing privileges, agreement, 03779
support of United States defense activities at Churchill Research Range, agreement, 00694
tracking station, agreement, 00688
trends, composition and determinants of U.S. direct investment in Canada, 10065
United States and Canada, facing energy crisis, 11776
use of facilities at Goose Bay Airport, Newfoundland, agreement, 05842
utilization of Eastern Daylight time to determine hours of flow, treaty, 05828
world trade, outlook, 03299
Canal Zone:
insurance business, annual report, 02862
marriage licenses, issuance and recording, transfer functions from Clerk of United States District Court to Civil Affairs Director of Canal Zone Government—
report, 09888
mineral industry, minerals yearbook chapter, 07983
Canal Zone Government:
annual report, 06069
financial statement, GAO examination, 08604, 09341, 09748
Cancellus, *see* Crabs.
Cancer:
anticancer agents recently developed in People's Republic of China, 07905
asbestos concentrations in or near sources, development of instrumental monitoring method for fibers with possible carcinogenic properties, 05325
cancer centers program, information and guidelines on support grants, 01429
carcinogenesis abstracts (periodical), 01704
chalones, concepts and current researches, conference proceedings, 00564
chemotherapy reports (periodical), 01699-701
hospital services for selected chronic disease patients, 07874
National Cancer Institute, improve rehabilitation of cancer patients, 04644
national cancer program—
analysis of mid-range resources requirements, 11678
appropriations, authorize—
hearings, 09036
report, 10656, 10737
develop means to achieve accurate assessment of risk of developing cancer in individuals and population groups, 06926
modify individuals in order to minimize risk of cancer development, 04662
national cancer program and international cancer research, conference papers, 10274
prevent progression of precancerous cells to cancers, etc., 08107
prevent transformation of normal cells to cells capable of forming cancers, 04643
reduce effectiveness of external agents for producing cancer, 04641
scientific recommendations for plan, digest, 04640
strategic plan, 04645
national cancer survey, 1969-71 incidence, 10275
U.S. cancer mortality by county, 1950-69, 11169
Cane sugar, *see* Sugar.
Canisters:
activated carbon canisters for radon protection in uranium mines, evaluation, 09700
Cannabis, *see* Marihuana—Hashish.
Canned foods:
apricots and solid-pack apricots, U.S. standards for grades, 11290
canned fishery products, 08781
red tart pitted cheeries, standards for grades, 08879
stocks, pack, shipments (periodical), 01835
Cannikin event, *see* Nuclear explosions.
Canopies:
used on underground electric face equipment, elastic plane fram analysis, 04586
Cans:
metal cans, current industrial reports, 01846, 07263
Canton, Ohio:
area wage survey, 00522
Canyon de Chelly National Monument:
story of its ruins and people, 05705
Capacitance:
magnetic probes and instrumentation of capacitive discharges, 05739
Capacitors:
capacitor-resistor, Federal item identification guide, 04290

Capacitors–Con.
characteristics of capacitor-type micrometeoroid flux detectors when impacted with simulated micrometeoroids, 06867
condenser and fan development for Rankine cycle engines, 11475
fixed, Federal item identification guide, 00257, 08521
miscellaneous, Federal item identification guide, 03274
surface condensers with dry-type cooling systems for fossil-fueled and nuclear generating plants, economics of use of, 07237
wet tantalum capacitors after exposure to extended periods of ripple current, 08713
Cape Cod National Seashore:
poster, 10332
Capital:
and operating costs of pollution control equipment modules–
data manual, 01189
user guide, 01188
bank capital adequacy, time to pause and reflect (remarks), 03360
international capital markets and financing of economic development (paper), 03366
public policy for American Capital markets, 07088
see also Investments.
Capital assets:
flow of funds accounts, 1945-72, annual total flows & year-end assets and liabilities, 01221
gains and losses from sale, revise tax treatment–
hearings, 07494
Capital Footwear Corp.:
Worcester, Mass. casual footwear and slippers for men, Tariff Commission report, 11261
Capital of United States:
National Capital parks, D.C., Va., Md., historic resource study, 01488
notes from Washington on international research and development, 03839
welcome to Washington–
French edition, 03675
German edition, 03678
Italian edition, 03673
Spanish edition, 03674
Capital punishment:
imposition of capital punishment, reform of Federal criminal laws–
hearings, 04233
Capital Yacht Club:
building loan, exempt from D.C. usury laws–
hearings, 06287, 07486
law, 08343
report, 06230, 11421
Capitalism:
what's right with America (address), 03877
Capitol:
pictorial history, 09740
property acquisition for Capitol grounds extension–
hearings, 08507
sound and light performance system for east front, gift of Capitol Historical Society, feasibility study–
hearings, 08429
report, 03099, 06183, 06338
Capitol, Architect of, *see* Architect of Capitol.
Caprolactam:
caprolactam monomer, duty suspension–
law, 00096
report, 03144
Caps:
paper, development of procedure for measuring their noise, 01426
radiator and tank, Federal item identification guide, 07601
Car pools, *see* Automobiles.
Caracas, Venezuela:
earthquake damage areas, study of soil amplification factors, 10322
Carbamates, *see* Carbamic acid.
Carbamic acid:
metabolism of carbamate insecticides, 10828
Carbides:
pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, interlaboratory comparison evaluation, 06044
reprocessing graphite-carbide fuel for high temperature reactors, investigations, 02843
see also Plutonium carbides–Silicon carbide.
Carbohydrates:
effect of defoliation on carbohydrate content of yellow-poplar seedlings, 06653
Carbon:
activated carbon canisters for radon protection in uranium mines, evaluation, 09700
carbon and biosphere, 07224
effects of protozoa on fate of particulate carbon, 00327
evaluating life of charcoal beds, total hydrocarbon analyzer, feasibility, 11207
fourteen light and dark bottle method, determination of aquatic primary activity (photosynthesis) in Lake Koocanusa, Mont., 04463
investigation of use of carbon composite materials for helicopter transmission housing applications, 06011
low-flow-rate adsorption equipment and methods for organic sampling, field evaluation, 10386
low flow rate carbon adsorption method, model LF-2, organics sampler for water specifications, 07817
pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, evaluation of interlaboratory comparison, 06044
Carbon black:
mineral industry survey, quarterly, 01703
Carbon dioxide:
CO_2 effect on acid-base balance in air saturation dives, 03556
control of carbon dioxide cryodeposits, 03603
gas dynamic CO2 laser, design, amplification factor, USSR study, 05511
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
see also Dry ice.
Carbon monoxide:
evaluation of monitoring methods and instrumentation for hydrocarbons and carbon monoxide in stationary source emissions, 01166
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
measure carbon monoxide in atmosphere, analysis of feasibility of experiment, 04602
normal carboxyhemoglobin levels of blood donors, 07735
tests of urban meteorological-pollutant model using CO validation data in Los Angeles metropolitan area, 01156-7
see also Carboxyhemoglobin.

Carbonates:
carbonate bonding of taconite tailings, 07769
flotation of carbonate minerals from unaltered phosphate ores of Phosphoria formation, 11059
Carbondale, Ill.:
Federal office building, construction, hearings, 08509
Carbonization:
partial devolatilization of coal in two entrained-bed carbonizers, 08001
Carboxyhemoglobin:
determine range in various segments of American population, research study, 05320
normal carboxyhemoglobin levels of blood donors, 07735
Carboxymethyl cellulose:
duty, temporary suspension–report, 09792
Carcinogenesis, *see* Cancer.
Carcinogens:
reduce effectiveness of external agents for producing cancer, national cancer program, 04641
Cardiac diseases, *see* Heart diseases.
Cardiac pacemakers, *see* Heart.
Cardiology:
training and manpower requirements, evaluation, 09532
Cardiovascular system:
cardiovascular disease–
epidemiological investigations, Framingham study, 01466, 08136
hospital services for selected chronic patients, 07874
means at each examination and inter-examination variation of specified characteristics, Framingham study, 08136
probability of developing in certain cardiovascular diseases in 8 years at specified values of some characteristics, 01466
Cards:
Federal item identification guide, 03263
see also Catalog cards.
Cardwell, James B.:
nomination, hearings, 11433
Career guidance, *see* Guidance.
Careers, *see* Civil service–Occupations.
Cargo, *see* Shipments–Ships–Unlading and lading.
Cargo handling:
active arm external load stabilization system for cargo handling helicopters, design, fabrication, and flight test, 07190
development of cargo slings with nondestructive checkout systems, 07201
model 301 HLH/ATC cargo handling system coupling, technology development report, 07197
systems, helicopter, qualification test methods, 07192
Caribbean area:
Caribbean Atlantic geotraverse, NOAA-IDOE 1971, report, magnetic data, 10325
cereal rust nurseries in area, 1950-72, 03837
climatological data, 01764
market profiles, 00287
trade preference with special tariff treatment–hearings, 09075
Caribbean Sea:
new species from Caribbean Sea, genus Cancellus (Crustacea: Cogenidae), 01548
Carlsbad Caverns National Park:
general information, Spanish edition, 04689
Carnadero Creek:
flood plain information, Pajaro River to Uvas Reservoir, Santa Clara County, Calif., 01121
floods near Gilroy, Calif., 01132
Caroline Islands:
Acanthaster planci, 1969-72, population levels, 08834
Carpets:
carpets and rugs, current industrial reports, 01847
how to clean, 03869
woven velvet, Tariff Commission report, 09640
Carrera, Edith E.:
relief, 00880, 02920
Carrier shells, *see* Snails.
Carriers:
chemical analysis of interstate carrier water supply systems, 05316
common carrier actions, FCC, report, 01953
common carrier services, applications, FCC, report, 01953
inventory of interstate carrier, water supply systems, 06579 .
radiotelegraph carriers, uniform system of accounts, FCC rules and regulations, 01963
wire-telegraph and ocean-cable, uniform system of accounts, FCC rules and regulations, 01963
see also Communications–Motor carriers–Pipelines–Shipping– Telephone–Water carriers.
Carrots:
frozen, standards for grades, 09661
western asters yellow agent, leafhopper transmission to carrot in eastern Washington, 10491
Cars, *see* Automobiles.
Carson River:
water quality data from Truckee and Carson Rivers, Pyramid Lake, and Lahontan Reservoir, working paper, 08559
Cartels, *see* Trusts (industrial).
Carters Creek:
floods, how to avoid damage, 11462
Cartersville, Ga.:
motor carrier accident investigation report, 03573
Cartography, *see* Maps and charts.
Cartridges:
weapon, Federal item identification guide, 07614
Casas, Dulce Pilar, *see* Castin, Dulce P.
Cascade:
cold-air annular-cascade investigation of aerodynamic performance of cooled turbine vanes, 08747, 09491
film-cooled turbine stator blade,two-dimensional cold-air cascade study, 11106
transient turbine vane temperatures in cascade for gas stream temperature, 11653
two dimensional cascade, incidence loss for care turbine rotor blade, 09493
Cases:
hospital, Federal item identification guide, 01067
shipping and storage containers, Federal item identification guide, 07627, 09253
Casey, William J.:
nomination–
hearings, 07469, 09209

Casings:
helicopter transmission housing applications, investigation of use of carbon composite materials, 06011
Cast iron:
current industrial reports, 01846
secondary pig iron from shredded auto scrap, 04589
Casters:
Federal item identification guide, 03264
Castillo de San Marcos National Monument, Fla.:
historical base maps, 05708
Castin, Dulce P.:
relief, 10720
Castings:
iron, current industrial reports, 01846
nonferrous, current industrial reports, 01846
site-cast concrete for achieving exposed aggregate surfaces, 06494
steel, current industrial reports, 01846
Castle Creek:
floods, Roaring Fork River and Castle and Hunter Creeks, Aspen, Colo., 00314
Castle Neck, Mass.:
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
Catalog cards:
Library of Congress–
books, authors, 02348
books, subjects, 02241, 08686
motion pictures and filmstrips, 02242
Cataloging:
cataloging handbook H series, 02004-9, 03255, 05197, 06415, 07588
cataloging manual M (series), 00252, 05198, 07589-91, 08519
Defense cataloging and standardization act of 1952 report to Congress by Defense Dept., 00921
Federal item name directory for supply cataloging–
alphabetic index of names, 01967
numeric index of item name codes to Federal item identification names, etc., 01958
Federal manual for supply cataloging–
alphabetic index, 05198
item identification, 07590
material management, special operating procedures, 00252, 08519
supply classification, 07589
notes for medical catalogers (periodical), 06966
service bulletin, 01706
Catalogs:
aeronautical charts and related publications, 00585, 08782
Air Force Academy, 11298
Army formal schools catalog, 07171
black studies, select catalog of National Archives microfilm publications, 04635
butterflies of North America north of Mexico, 11760
Census Bureau, 01688-9
copyright entries, 00247, 01056
correspondence courses offered by participating colleges and universities (PC&U) through Armed Forces Institute, 05199
dictionary, L.C. subject headings, supplement, 02623
Earth Resources Technology Satellite non-U.S. standard catalog, 01893
Federal domestic assistance programs, 01705, 08688
film fare, catalogue of films and filmstrips produced by Housing and Urban Development, 09352
Government publications, monthly catalog, 02310
GSA stock catalog, 05381
GSA supply catalog, 02074-5
image interpretation equipment, 04695
interagency training programs, 00074
Law Enforcement Assistance Administration, etc., library catalog–
authors 04558
periodicals, 10161
subjects, 04559
title 05550, 10162
Library of Congress–
books, subjects, 02241, 08686
motion pictures and filmstrips, 02242
national union catalog, manuscript collections, 11033
national union catalog, 02348
marine geophysical survey, station-data listing and report catalog, 10354
mechanized information services catalog, 09522
medical and veterinary zoology index-catalogues, parasite subject catalogue, 00712
meteorological satellite data, television cloud photography, catalog, 00323, 01146, 03319, 07719-21
multifamily reports and forms catalog, HUD handbook, 10113
National Library of Medicine–
cumulative listing, 02342
monthly listing, 02343
National Medical Audiovisual Center, motion picture and videotape catalog, 04675
Naval Academy, Annapolis, 08163
outdoor recreation areas and facilities, guides, catalog, 01532
Staff College, Defense Civil Preparedness Agency, catalog of courses, 09248
Catalysts:
catalytic decomposition of fire extinguishant bromochlorodifluoromethane, 08171
catalytic oxidation of sulfur dioxide using isotopic tracers, 10834
oxygenates in automotive exhausts, effect of oxidation catalyst, 08000
some effects of pressure on hydrocracking of crude shale oil over cobalt molybdate catalyst, 07999
Caterpillars:
microbial insecticides control forest tent caterpillar in southwestern Alabama, 00408
Catfish Creek:
floods, Sarasota Creek County, Fla., 00308
Catheters:
surgical catheters, drains and tubes, Federal item identification guide, 06428
Cathodes:
corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
endurance testing of downstream cathodes on low-power MPD thruster, 10250
Cats:
feline head-holder and body-restrainer for use in chronic visual electrophysiological research, 06823
nitrogen narcosis and visual evoked responses in unanesthetized cat, 06829

Cattle:
beef cattle, industries of Central America and Panama, 03385
beef cattle, production potential of set-aside land, 05281
beef feedlot wastes management, environment protecting concepts, 06551
census of agriculture 1969, 06071
feedlot and ranch equipment for beef cattle, 00008
horn flies on cattle, large scale rearing, 07101
live beef cattle, commitments of traders, 01790
on feed, 01708
sold for slaughter, selected markets, 01708
Southwest cattle ranches, organization, costs, and returns, 08276
USDA-DHIA sire summary list, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and mixed breed sires, 03838
Cattle ranches, *see* Ranches.
CATV (community antenna television), *see* Television.
Caucasion race:
body weight, stature, and sitting height, white and Negro youths 12-17 years, 03652
Cavitation:
beneficial use of cavitation bubbles, USSR study, 04546
hydraulic model studies of chute offsets, air slots, and deflectors for high-velocity jets, 03724
two-phase liquid oxygen pumping, experimental investigation, 06884
Cavities:
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
CCC, *see* Commodity Credit Corporation.
Ceanothus:
pregermination treatments for redstem ceanothus seeds, 05398
Cecil County, Md.:
soil survey report, 04737
Cecil M. Harden Lake:
designate–
report, 11416
Cedar:
American wood, western redcedar, 03392
incense, American wood, 03389
pinyon-juniper ecosystem, bibliography, 08585
Cedar Swamp:
Westborough, Mass., ground-water resource of channelization of Sudbury River, effects, 04464
Ceilings:
how to clean, 03864
Cells:
prevent transformation of normal cells to cells capable of forming cancer, 04643
solitary occupancy for unequal probabilities with application to doppler radars for ocean surveillance, 09576
see also Cancer.
Cellular material, *see also* Plastics.
Cellulose:
carboxymethyl cellulose, duty temporary suspension
report, 09792
cellulosic fiber insulating board, 08106
Cement:
metallic recovery from waste waters utilizing cementation, 07770
mineral industry surveys–
annual, advance summary, 03558
monthly, 01711
statistical summary, 11643
minerals yearbook chapter, 10189
memorials, cemeterial and mortuary equipment, and supplies, Federal item identification guide, 05227
see also National cemeteries.
CEN, *see* Centre d Etude de l'Energie Nucleaire.
Census:
agriculture–
area reports, 11316
special reports, 02863, 04904-5, 06071, 07253-5, 09707, 10533-4
census blocks and block groups, defining and numbering, procedural manual, 07280
census blocks, interim renumbering, procedural manual, 07279
census portrait CP series, 08310-5, 08906-35, 10536-9
census use study, 06077, 08936-9, 09710-1
comparison of total population figures from censuses taken around 1970 with populations estimates for selected countries–
French edition, 10544
Spanish edition, 06096
construction industries, 1972, preliminary industry and summary report, publications order form, 06094
economic censuses, 1972–
mini-guide, 04936
publication program, 04931
enterprise statistics, publication program, 03952
Federal census schedules, 1850-80, primary sources for historical reseach, 05644
free black heads of families in 1st census of U.S., 1790, list, 06902
Geographic Base (DIME) File, CUE, correction-update-extension, conference paper, 07260
governments–
taxable property values and assessment, sales price ratios, 08904
topical studies, 06072
housing–
block statistics, 04906
components of inventory change, United States and regions, 04907
residential finance, final reports, publication order form, 03934
subject reports, 00048, 00758, 02864, 07256
manufactures and mineral industries, special report, 06078
manufactures–
preliminary industry and summary reports, publications order form, 04908
publication program, 03935
special report series, 07257
mental health needs, 1970 census model using socioeconomic data, 10296
mineral industries, publication program, 03936
population–
characteristics of population, 00049-54, 07621-2, 02866, 03937, 04909-10, 06075-6, 07259
current population reports, special censuses series, 04930, 06090
graphic summary, 04911
subject reports, 00055-57, 00768-4, 02867, 03938-40
supplementary reports, 04911-2, 08905, 09709

Census–Con.
population and housing–
employment profiles of selected low-income areas, 00759
evaluation and research program, 06073-4, 07258, 09708
geographic identification code scheme, 00760
inquiries in U.S. decennial censuses, 1790-1970, working paper, 04940
medicare record check, evaluation of persons in 1970 census, 06074
procedural history, 02865
small-area data notes, 02594
Spanish speaking persons, counting the forgotten, 10549
summary tape processing centers for census data, 02882
transportation–
national travel survey, 00765
truck inventory and use survey, 04914, 10535
users bulletin, 01712
Census Advisory Committee on Small Areas:
minutes, 07283
Census Bureau:
catalog, 01688-9
metropolitan map series, 08955
press releases, 02455
programs and publications, subjects and areas, guide, 11315
research document series, 10544
schedule B, statistical classification of domestic and foreign commodities exported from United States, 02569, 04939
scientific and technological development activities of Bureau of Census, 02883
small area data notes, 02594
statistical mapping and geographic base files (address), 10545
summary of special censuses, 04930
technical paper, 02883, 04938, 07285
working paper, 04940
Cent:
alternative materials for one cent coinage, 05883
new alloy for penny–
hearings, 10690
report, 06344
Center for Building Technology:
project summaries, 11165
Center for Disease Control:
appropriations, 1975–
hearings, 10678
CDC veterinary public health notes, 01710
national nosocomial infections study, 02345
surveillance–
brucellosis, 11331
congenital malformations reports, 01795
hepatitis reports, 02085
malaria, 00782
measles, 00783
mycoses, 00784
rabies, summary, 02524
zoonoses, 00785, 02524
Center for Population Research:
CPR population research series, 08771
Center for Vocational and Technical Education, Ohio State University:
information series, 10286-7
Center of gravity, *see* Center of mass.
Center of mass:
helicopter gross weight and center of gravity measurement system , 06021
Center of pressure:
fracture resistance values using center-cracked tensile specimen, determination, 11703
Central African Republic:
background notes, 01564
Central America:
beef cattle industry, 03385
market profiles, 00289
Central and Southern Florida Flood Control District:
structure S-5A, change name to W. Turner Wallis Pumping Station–
law, 09733
report, 10651, 10722
Central Intelligence Agency:
alleged involvement in Watergate and Ellsberg matters, inquiry, 06276
Director, nomination of William E. Colby–
hearing, 00202
international and domestic activities–
hearings, 08485
retirement act, amend–
law, 08342
report, 10607
Central States:
adequate and efficient rail services, authorize and direct maintenance–
law, 06191
report, 05099
comparative transportation costs of supplying low-sulfur fuels to midwestern domestic energy markets, 06831
cost study of general freight transportation, 03484
environment, Environmental Protection Agency activities, 06550
forest soils bibliography for North-Central region, including subject matter index, 04431
fresh fruit and vegetable unloads, 09657
heart rots of central region hardwoods, 07823
national airport system plan, 1972, central region, 04396
public health program and staff, region 6, 11736
pulpwood production in North Central region by county, 04448, 07834
rail service in Midwest and Northeast region, Secretary of Transportation report, 04754-6
Central Valley:
annual report, 08824
Dos Amigos pumping plant San Luis unit, variable-pitch impeller unit 5, 05774
Hood-Clay unit, American River division, reclamation feasibility investigation, authorize–
report, 04001
Centre d'Etude de l'Energie Nucleaire:
tests of fuel assemblies under sodium in Na3 loop of CEN/SCK-Mol, 09691
Centrifugal compressors, *see* Compressors
Centrifugal force:
use of centrifugal measurements in wettability to predict oil recovery, 11064
CEP (circular error probable), *see* Error analysis.
Ceramals:
cermet materials suitable for lithium-lubricated thrust bearings for high-temperature operation, evaluation, 11140
high-velocity oxidation performance of cermet coatings on nickel alloys, 09505
Ceramic tiles, *see* Tiles.

Ceramics:
ceramic tableware, Tariff Commission report, 10457
ceramics reinforced with single crystals of mullite, USSR study, 07933
reliability and effective thermal conductivity of 3 metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
CERC, *see* Coastal Engineering Research Center.
Cereals, *see* Grain.
Cereals as food:
barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
Cerebral vascular disease, *see* Blood vessels.
Cerebrovascular system:
cerebrovascular bibliography, 017813
CERL, *see* Construction Engineering Research Laboratory.
Certificates:
certificates of competency by SBA for small plant contracts, 08204
certification required to obtain reduced rates, under income tax treaties, 04508
see also Treasury certificates of indebtedness.
Certificates of deposits:
maturity distribution of outstanding negotiable time certificates of deposit, monthly release, 02284
Certificates of indebtedness, *see* Treasury certificates of indebtedness.
Certification of air carriers, *see* Air carriers.
Cesium:
thermionic performance of variable-gap cesium diminiode, 11098
Cessna Cardinal, *see* Airplanes.
Ceylon, *see* Sri Lanka.
CH-(nos.), *see* Helicopters.
Chad:
economic trends and their implications for United States, 01318
Chad basin:
water levels and artesian pressures in Chad basin of northeastern Nigeria, 01273
Chaff:
lightning suppression by chaff seeding, 10323
Chaffee County, Colo.:
Poncha Springs SE quadrangle, geology and mineral deposits, 10948
Chains:
Federal item identification guide, 07600
rope, cable and chain fittings, Federal item identification guide, 07604
transmission chain, Federal item identification guide, 09974
Chalaby, Kamal A.:
relief, 00967, 09730
Chalcopyrite:
rapid growth of metallic fibers by partitioning sulfur in copper-iron-sulfide mineral, 11629
sulfuric acid leaching kinetics of chalcopyrite, initial-state using radiochemical techniques, 07994
Chamber devices:
measuring behavior of aerosols in smog-chamber studies, evaluation of instrumentation, 04591
Chamberlain Manufacturing Corp.:
radio remote control garage door openers, workers of Chicago, Ill., plant, Tariff Commission report, 11264
Chambers of Commerce:
US-USSR chamber of commerce, protocol with Union of Soviet Socialist Republics, 00675
CHAMPUS (civilian health and medical program united services), *see* Medical care.
Chang, Kuay T.:
relief, 00830, 00873
Channels:
cellular-block-lined grade control structure, hydraulic model investigation, 00318
channel control problem, application of minicomputer, 03727
channel erosion surveys, along proposed TAPS route, Alaska, July 1971, 05425
conveyance channels, turbulence data summary, 06706
dispersion of mine dust in channel by turbulent gas stream, 09473
navigation channel improvements, Barnegat Inlet, N.J., hydraulic model investigation, 10818
new automatic channel switching telegraph stations, USSR study, 07929
Project Drum Inlet, explosive excavation in saturated sand, 06533
radios in interstate commerce or imported, all channel AM and FM broadcast capability, require—
hearings, 10762
stream channelization, effects, etc.—
report, 06227
Chaplains:
Senate, prayers offered by Edward L. R. Elson, 92d Congress print as Senate document—
report, 03093, 03178, 09138
Charcoal:
evaluating life of charcoal beds, total hydrocarbon analyzer, feasibility, 11207
Charitable contributions, *see* Charities.
Charities:
income tax deduction for contributions, 04512
Chariton River and Valley:
water supply and pollution control aspects, 09591
Charles Creek:
flood plain information, 06502, 07694
floods, 06513, 06517
Charleston, W.Va.:
area wage survey, 00523
Charlestown, Mass.:
revitalizing older houses in Charlestown, 06730
Charlotte County, Fla.:
water resources, appraisal, 05416
Chars:
analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
use of char to improve physical quality of coke from Sunnyside (Utah) coal, 07991
Charter flights; *see* Air carriers.
Charters:
Federal charters for energy corporations, selected materials, 08493
inclusive tour charter trip, air carriers—
report, 03152
Charts:
agricultural charts, 1973 handbook, 02809
Commodity Credit Corporation charts providing graphic and tabular summary of financial and program data, 00813
historical chart book, 01222
see also Maps and charts—Organization charts.

Chase, Goodwin:
nomination—
hearings, 11433
Chatham County, Ga.:
soil survey report, 11235
Chattanooga National Military Park, *see* Chickamuga and Chattanooga National Military Park.
Chattooga River:
designate as component of national wild and scenic rivers system—
hearing, 04226
law, 09732
letter, 05096
report, 06235
Check lists , *see* Checklists.
Checklists:
business service, 01693
plant quarantine import requirements of foreign countries, 00732
State publications, monthly, 02311
tax calendar and check list, 03457
Checks:
to banks for credit to accounts of Federal employees and beneficiaries, 07086
your social security check while you are outside United States, Italian edition, 05799
Cheddar cheese, *see* Cheese.
Cheese:
cheddar cheese, Tariff Commission report, 08858
Chelan Lake National Recreation Area:
general information, 01492
Chelating agents:
tetrasodium ethylenediaminetetraacetate (EDTA), tests and procedures for determing purity, 11205
Chemical analysis:
analytical methods for detection of toxic elements in dry paint matrices, literature survey, 06907
electron spectroscopy for chemical analysis (ESCA), bibliography, 07233
interlaboratory comparison of chemical analysis of uranium mononitride, 08733
interstate carrier water supply systems, 05316
reprocessing graphite-carbide fuel for high temperature reactors, investigations, 02843
selected ground water in Colorado, 04461
tentative analytical methods for cadnium, chromium and cyanide in water, 11750
tetrasodium ethylenediaminetetraacetate (EDTA), tests and procedures for determing purity, 11205
Chemical elements:
airborne chemical elements in Spanish moss, 01263
determination of 8 minor elements in low-alloy steels by fluorescent X-ray spectrography, 01375, 07986
see also Transition elements.
Chemical equilibrium, *see* Equilibrium.
Chemical kinetics, *see* Chemical reactions.
Chemical precipitation, *see* Precipitation (chemistry).
Chemical reactions:
aldehyde and reactive organic emissions from motor vehicles, 00028-9
artificial sea slicks, chemical modification of air-sea interactions, 09577
atmospheric chemical reactions, existing needs in experimental and observational study, 00330
bibliography of ion-molecule reaction rate data, 04637
biochemical responses, air traffic control personnel, comparison of 5-day and 2-2-1 shift rotation patterns, 10531
chemical kinetics data survey, 06906, 10265
reactions between fuel (U,Pu)02 and sodium, 07211
sulfuric acid leaching kinetics of chalcopyrite, initial-stage, using radiochemical techniques, 07994
Chemical reduction, *see* Reduction (chemical).
Chemical warfare:
U.S. chemical warfare policy—
hearings, 10700
Chemicals:
adverse and toxic effects, toxicity bibliography, 02656
chemical composition of lunar surface in Lunokhod-2 work region, 06768
chemical profile of Ross Ice Shelf at Little America 5, Antarctica, 07675
chemical properties of 39 surface-mine spoils in southern West Virginia, 06669
chemical/physical characteristics of typical bath and laundry waste water, 08736
chemical treatment of oil spills, 09317
chemicals and other materials used to treat oil on water, 10879
coke and coal chemicals, minerals yearbook chapter, 08699
compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs, list, 05986
inorganic, current industrial reports, 01846, 03944
medicinal chemicals, production and sales, 09635
miscellaneous chemical specialties, Federal item identification guide, 06434
miscellaneous chemicals, production and sales, 11794
nerve agents, prohibit transporting to or from military installation with use of public funds without Congressional approval—
hearings, 07388
thermodynamics of chemical species important to rocket technology, 08093-4
toxic substances, 1973, annual list, 00574
see also Organic compounds.
Chemistry:
AFOSR 18th annual chemistry program review, 04799
application of modern technologies to international development, list of reports, 01650
flow and chemical characteristics of Saint Johns River at Jacksonville, Fla., 01253
International Field Year for Great Lakes chemistry program, 07724
invariant coupled diffusion and chemistry model, development and preliminary application, 01390
journal of research, National Bureau of Standards, 02196
solution chemistry in crevices on Fe-Cr binary alloys, 10364
stable isotopes in chemistry, biology, and medicine, conference proceedings, 06034
two NRL codes for distrubed E and F regions, 08167
USSR and East Europe scientific abstracts, 02723
weekly Government abstracts, 02785
see also Organic chemistry-Physical chemistry.
Chemists:
Food and Drug Administration, job description, 10928

Chemotherapy:
cancer chemotherapy reports (periodical), 01699-701
Chemung County, N.Y.:
soil survey report, 00645
Cherokee County, Ga.:
soil survey report, 01559
Cherokee Indians:
determining rights and interests of Cherokee Nation in and to bed of Arkansas River below Canadian Fork and to eastern boundary of Oklahoma—
law, 06162
report, 11410
Cherries:
canned red tart pitted, standards for grades, 08879
growing sour cherries, 05931
report, 10445
sweet, production, marketing, and processing, 05930
Chesapeake and Delaware Canal:
enlargement, hydraulic and mathematical model investigation, 05313
Chesapeake and Ohio Railway Co.:
railroad employee accident investigation, report, 08200
Chesapeake Bay:
landings, fish and shellfish, 00582
water quality project, 11735
Chesterfield County, Va.:
floods, how to avoid damage, 11464, 11469
Chests:
shipping and storage containers, Federal item identification guide, 07627, 09253
Chicago & North Western Transportation Co.:
railroad employee accident investigation report, 07023
Chicago, Ill.:
aircraft accident report, 00597, 01499
Board of Trade, futures trading and open interest in regulated commodities, 02057
crime in Nation's 5 largest cities, 10153
current housing market situation, 10031
large commercial banks, weekly condition report, 02756
railroad employee accident investigation report, 07023-4
water quality conditions statement, 09593
Chicago, Rock Island and Pacific Railroad Co.:
railroad employee accident, investigation, report, 08199
Chicanos, *see* Mexican-Americans.
Chickamauga and Chattanooga National Military Park:
Chickamauga Battlefield, Ga., 04683
Lookout Mountain, general information, 06990
Chickamauga Reservoir:
fish inventory data, 10469
Chickasaw Indians:
determining rights and interests of Chickasaw Nation in and to bed of Arkansas River below Canadian Fork and to eastern boundary of Oklahoma—
law, 06162
report, 11410
reading list, 00465
Chickens:
commercial broilers, annual production and weekly placements, 10446
final bird washer, design, specifications and evaluation, 08272
layers and egg production, 07065
national improvement plan, hatcheries, dealers, and independent flocks, 05916-7
production, disposition, cash receipts and gross income, 09624
production, etc., monthly report, 01900
Chicopee River:
flood plain information, 07687
floods, 07702
Chicopee, Mass.:
flood plain information, 07687
floods, 07702
Chihli, Gulf of:
synoptic meteorological observations, 11706
Child abuse, *see* Children.
Child Abuse and Neglect, National Center, *see* National Center on Child Abuse and Neglect.
Child care, *see* Children-Day care of children.
Child development, *see* Children.
Child health, *see* Children.
Child welfare, *see* Children.
Children:
abuse and neglect programs through grants to be developed by States—
hearings, 06291
adoption in D.C., improve system—
law, 06195
America's educationally neglected, progress report on compensatory education, annual report to President and Congress, 04595
blood pressure levels of children 6-11 years, 06931
books, 1973 list, 10167
caring for children series, 07299-302
caring for children—
conditions for learning, 07301
from I to we, 07300
individual child, 02889
language is for communication, 07302
setting for growth, 07299
cerebral palsy, mental retardation and other neurological and sensory disorders, collaborative study, bibliography, 06961
Child abuse prevention and treatment act—
question and answers, analysis and test, 09229
report, 06240
child abuse, demonstration program for prevention, identification and treatment provide, hearings, print additional copies—
report, 09767, 10725
child care arrangements of AFDC recipients under Work incentive program, 01717
child care, disabled dependent care, income tax deduction, 04509
child development in home, 07304
Child nutrition act, amend—
hearings, 06359
law, 06151
report, 02999, 03027, 03161, 03189
child nutrition programs—
continue financing, report, 09170
type A topics, 02691
child support form fathers having abandoned their children to welfare programs, 00209
children on campus, survey of pre-kindergarten programs at higher education institutions, 03828
children today (periodical), 01718
education for all handicapped children—
hearings, 10780
emotionally disturbed children, hospital inpatient treatment, 11686
examination and health history, 6-17 years, 06929

Children–Con.
families with dependent children, State public assistance plans under Social Security act, 00634
federal programs for young children, review and recommendations–
goals and standards of public programs, 07868
recommendations for planning, 07870
review of evaluation data, 07869
summary, 07871
fire accidents involving ignition of sleepwear worn by children under age of 3, 08103
fire incidents involving sleepwear worn by children, 06923
full year, Head Start programs, directory, 00789
gifted and talented, provide educational programs–
hearings, 07554
group treatment for parents of handicapped children, 04576
handicapped child in your home, 00103
Head Start newsletter, 02081
Head Start planned variation study, 07303
Head Start programs, full year, directory, 00789
Headstart, fee schedule, postpone–
law, 06168
report, 06232
helping schools help children, 06955
iodine metabolism in area of community, 08298
maternal and child health information, 02281
maternal and child health services of State and local departments, 08968
Melanesian Journal, child growth and development, expeditions to study in west and east New Guinea Solomon Island, 06962
nutritional intervention through supplemental feeding to save children, 06406
occlusion of teeth of children, 6-11 years, 09529
of working mothers, 03540
Oxon Hill Children's Farm, 01494
pharmocotherapy of children, 04667
recreation for autistic and emotionally distrubed children, 08133
regulating children's television advertising (address), 11529
research relating to children, studies in progress, 05289
served by public welfare agencies and voluntary child welfare agencies and institutions, 03654
special summer food service program for children–
site handbook, 07127
special handbook, 07128
study of child growth and development and disease patterns in primitive cultures, 06962
two-child family and population growth, international view, French edition, 04935, 04935
WIC, women, infant, and children feeding program–
maternal, fetal, and infant nutrition, 1973, hearings, 06404
to save the children, nutritional intervention through supplemental feeding, 06406
young children and accidents in the home, 06104
see also Adoption.
Children's Bureau:
research and demonstration grants program, 08319
Chile:
area handbook, 11301
clinid fishes of Chile, with description of Myxodes ornatus, 05608
economic trends and their implications for United States, 06755
refugee and humanitarian problems–
hearings, 05158
Chilocco Indian School:
Indian School journal (periodical), 02153
Chimpanzees:
complex behavior of anthropoids (chimpanzees), physiological studies, 00503
China:
Communism, theory and practice–
hearings, 04116-7
economic assistance, 1949-50–
hearings, 07498
exhibition of archeological finds of People's Republic of China, indemnification for loss or damage–
law, 10582
report, 11383
foreign relations of U.S–
departmental edition, 05817
document edition, 05012
impact of granting most favored nation treatment to People's Republic China, 10464
Mao Tse-tung, miscellany of thought, 05519
People's Republic–
agriculture in United States and People's Rebublic, 10808
anticancer agents recently developed, 07905
educational revolution, 06479
neurology-psychiatry, 07907
scientific abstracts, 02427
translations, 02672
Republic, cotton textiles, trade, agreement, 01567
synoptic meteorological observations, 11706-10
Chinaware, *see* Tableware.
Chippewa Indians:
Chippewa Cree Tribe of Rocky Boy's Reservation mineral interests, hold in trust–
law, 10580
Chiricahua Wilderness Area:
Cochise County, Ariz., mineral resources, 05423
Chiropodists:
entering agreement to practice in shortage area to repay educational loans, 07872
Chiropody:
podiatry manpower, characteristics of clinical practice, 11680
Chittenden County, Vt.:
soil survey report, 11771
Chloride:
concentration in water in water-table aquifer at Highland Estates, Lee County, Fla., effects of plugging deep artesian well, 00432
see also Calcium chloride.
Chlorination:
ammonia-nitrogen removal by breakpoint chlorination, 07762
hypchlorination of polluted of stormwater pumpage at New Orleans, 06568
Chlorine:
batch disinfection of treated wastewater at less than 1°C, 04364
predicting and controlling residual chlorine in cooling tower blowdown, 01171

584-800 O - 75 - 9

Chlorine–Con.
reactions of copper sulfide minerals in aqueous system, 03569
Chlorophyll:
chlorophyll a in Lake Michigan and Green Bay, 05814
Chocoyotte Creek:
flood plain information, 06507, 06514
Choctaw Indians:
determining rights and interests of Choctaw Nation in and to bed of Arkansas River below Canadian Fork and to eastern boundary of Oklahoma–
law, 06162
report, 11410
Cholesterol:
levels in submariners, pilot study, 11040
Cholinesterase:
new hydrophobic sections in region of esterase center of cholinesterase, USSR study, 03494
Chords (aircraft):
NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, low-speed aerodynamic characteristics, 11097
Choreography:
choreographic works, copyright law, 05192
Christmas:
commemorative postage stamp, 8c. (poster), 03815
Christmas trees:
artificial plastic Christmas trees, garlands, and wreaths, Standard Cellulose and Novelty Co., Inc., Tariff Commission report, 00700
Chromatography:
correlations of basic gel permeation chromatography data and applications to high-boiling petroleum fractions, 11636
gas chromatography-mass spectrometry (GC-MS) analysis of organics in water, current practices, 01172
high-pressure liquid chromatography, determining explosive oil in dynamites, 01379
infrared Fourier transform spectrometry of gas chromatography effluents, 09998
vapor impurities from TNT, RDX and composition B, gas chromatograph screen, exploratory analysis, 05300-1
Chrome, *see* Chromium.
Chromic acid:
occupational exposure to chromic acid, criteria for necessary standard, 08120
Chromium:
enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms, 11137
Fe-Cr binary alloys, solution chemistry in crevices, 10364
fretting of nickel-chromium-aluminum coatings on nickel alloys, 09505
high-velocity-oxidation performance of metal-chromium-aluminum coatings on nickel alloys, 09505
mineral industry survey, monthly, 07119
national emissions inventory of sources and emissions of chromium, 08549
properties of dispersion-strengthened chromium-thoria alloys produced by ball milling in hydrogen iodine, 09504
regeneration of chromated aluminum oxidizers, 10840
Rhodesian chrome, halt importtion–
hearings, 00219, 06299
report, 03169
Chromium compounds:
Chromia doping on thermal stability in silica fibers, effect, 08046
Chromium oxides:
coatings, evaluation in self-acting stops of air-lubricated Rayleigh step thrust bearing, 11141
enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms, 11137
Chronic diseases, *see* Diseases.
Chrysotile, *see* Asbestos.
Chucks:
vacuum chuck and process for precision grinding of molded plastic parts, 07234
Churchill Research Range:
United States defense activities, support agreement with Canada, 00694
Chutes:
chute offsets, air slots, and deflectors for high-velocity jets, hydraulic model studies, 03724
CIA, *see* Central Intelligence Agency.
Cibolo Creek:
floods on Cibolo Creek, Universal City and Schertz, Tex., how to avoid damage, 00313
Cibolo Project:
construction and operation of proposed project, 11359
construction and operation, authorize–
hearing, 00138
Cicadellidae, *see* Leafhoppers.
Cigarettes:
Federal cigarette labelling and advertising act, amend–
law, 02937
listen smokers, 04942
tar and nicotine content of cigarettes, list, 10547
Cigars:
cigar manufacturing, industry wage survey, 00530
expand prohibition on advertising of certain tobacco products in broadcast media to include little cigars–
law, 02937
industry wage survey, cigar manufacturing, 00530
Cincinnati, Ohio:
news of environmental research in Cincinnati, 09286-90
Circadian rhythm:
circadian, endocrine, and metabolic effects of prolonged bedrest, studies, 11107
Circuit breakers, *see* Electric circuit breakers.
Circuit Courts of Appeals:
geographical boundaries of several judicial circuits, 03730, 07019
Circuits:
applications of waveguide and circuit theory, to development of accurate microwave measurement methods and standards, 03634
electronic circuitry devices, Federal item identification guide, 09972
fast reactor, problems of sodium removal and deactivation of circuits and components, 02842
flatpack soldering to solder-leveled printed wiring boards, 07220
GAIN (Graphic aid for investigating networks), interactive graphics interface for circuit analysis programs, 02858

Circuits–Con.
gold-ribbon hybrid-microcircuit crossovers, characterization and schedule development, 02846
hybrid microcircuit etching, solution control, 08896
irradiation of broken pin in sodium circuit, 09689
lightning-induced voltages in aircraft electrical circuits, 08028
microcircuit photomask, 07214
microcircuits and field transistors, USSR study, 08659
microcircuits, pantograph system for inspecting, 02847
motion software washout circuitry for synergistic six-degree-of-freedom motion base, 05618
non-ideal sliding short to two-port loss measurement, application, 06917
printed circuit board inspection by omnidirectional illumination, 02850
thin-film hybrid microcircuit substrate metallization, 07219
Circulation:
in Venusian atmosphere found from wind velocity measurements, USSR study, 10990
Cities and towns:
area wage surveys, selected metropolitan areas, 1971-72, 06798
Better communities act, proposed, highlights, 01294
books about cities, 1971-73, 06093
British new town planning, general observations, 10107
CARPOL, approach to large-scale carpooling use in DIME technology, 08936
census blocks and block groups, procedural manual for defining and numbering, 07280
census blocks, procedural manual for interim renumbering, 07279
Census Bureau's metropolitan map series, 08955
challenge, action, change, community guide for youth development, 08271
city financial emergencies, intergovernmental dimension, report, 04770
city government finances in 1971-72, 06093
civilian reuse of Defense installations, planning guide, 07649
community anticrime assistance act–
hearings, 07431
community crime prevention, 04593
community development evaluation series, 01287, 03421, 05446
community involvement in redevelopment of urban areas and economic growth (address), 05277
Community services act–
report, 09794
consumer price index, city average, 01813
data elements–
entitlement period 4, Revenue Sharing Office, 04757
final entitlement periods 1, 2 & 3, Revenue Sharing Office, 04759
day care, everybody's problem, volunteer to help in your community, 00790
defense cutbacks, impact on American communities, report, 09240
directory, State, county and city government consumer offices, 01054
disaster planning, improving your community's emergency response, introduction, 06414
EDA, building communities with jobs, 09258
estimated retail food prices by cities, 01923
estimates of population of metropolitan areas–
current population reports, 00776
New Hampshire, 06088
estimates of population of metropolitan areas, current population reports, 00776
European communities, iodine metabolism in children and adolescents in area of community, 08298
Federally funded community mental health centers, directory, 09536
fifty birds of town and country, 08850
financial practices of governments in metropolitan areas, study, 00458
general revenue sharing, compliance, 01588
highway and urban mass transportation, 02089
hospitals, area data book, 04648
housing and urban development in Latin America, comparative construction costs in Latin American countries, 05450
housing and urban development trends, 02139
housing authorities, schedule of maturities for new bonds, 11555
how effective are your community recreation services, 04712
large cities, low-income areas, selected characteristics of population, 04912
limited success of Federally financed minority businesses in 3 cities, GAO report, 06688
local government employment in selected metropolitan areas and large counties, 04933
low-income areas in large cities, census of population, 00057
measuring regional price change in urban areas, 07950
metropolitan area projects for school districts, 08536
model cities impact on better communities, 09060
model cities program, citizen participation, 01287
model cities program, ten model cities, comparative analysis of 2d round planning years, 03430
municipal and industrial water requirements from Dry Creek, Russian River basin, Calif., 11731
municipal sewage treatment plants, cost of dissolved air flotation thickening of waste activated sludge, 11476
new communities in selected European countries, 10969
new communities in United States, American approach to new towns, 07889
occupational earnings and wage trends in metropolitan areas, 10445
panoramic maps of Anglo-American cities, checklist, 08687
photographs of the American city, select audiovisual records, 05415
property taxes and urban blight, study, 01295
remote sensing of air pollution in urban areas, 06557
simulation of high-resolution radar displays of city complexes, 02830
social service delivery–
metropolitan areas, decision related research and organization, 09562
urban areas, design studies for experimental application of two-way cable communications, 09652
solid waste handling in metropolitan areas, 11745

Cities and towns—Con.
special payment, 1st quarter, entitlement period 4, list, Revenue Sharing Office, 05887
start-up of municipal wastewater treatment facilities, 08878
techniques of aided self-help housing, special report, 10978
town sanitary districts in Wisconsin, legal powers, characteristics and activities, 09652
transportation innovations in new communities abroad, 06724
turberculosis, statistics, 06099
urban air shed photochemical simulation model study, 05322-3
urban freeway surveillance and control, state of the art, 03340
urban institutions abroad, list, 10967
urban mass transit, handicapped and elderly market, 11281
urban mass transportation emergency grants to assure adequate commuter service in urban areas, report, 09034
urban recreation, 08634
urban system of science education, proposal preparation guide, 08795
urban technology, weekly Government abstracts, 02780
urban transportation, dilemmas at time of decision, 00158
urbanized areas, transportation planning data, based on 1970 census, summary, 03339
what you and your community can do about VD, 06100
withholding Federal employees' taxes under city ordinances—
hearings, 08425
workable program for community improvement, status report, quarterly, 02618
Citizens Advisory Committee on Environmental Quality:
annual report, resource recovery, recycling and reuse, 00251
Citizens of United States:
absentee voting in Federal elections for citizens residing abroad, provide uniform procedures—
hearings, 05187
citizen action guide to energy conservation, 05757
citizen participation in model cities program, 01287
citizen participation in State government, 08152
citizens abroad, tax guide, 03447, 11557
confidence and concern, citizens view American Government, 04204-5, 05135, 07504
copyright in United Kingdom for U.S. citizens, 01058, 05191
EPA citizens' bulletin, 01918
older Americans are national resource, 07098
rehabilitation of American spirit (address), 03977
restrict travel of U.S. citizens to countries in armed conflict with United States—
hearing, 01035
tax guide for U.S. citizens employed in U.S. possessions, 07897
Citizenship:
becoming a citizen series, our Government, 01296
Citrus blackfly, *see* Flies.
Citrus fruit:
citrus fruits by States, 08239
foreign agriculture circulars, 02039
City planners:
training courses in conservation/restoration, International Centre for Study of Preservation and Restoration of cultural property, 04771
City planning, *see* Redevelopment (city planning, etc.).
Civil Aeronautics Board:
applications, etc., filed with CAB, 01651
appropriations, 1975—
hearings, 09806
report, 10674
Member, nominations of Lee R. West and Richard J. O'Mella—
hearings, 09195
orders, 02408
oversight—
hearings, 08411
press releases, 02455
reassessment of regulatory role in refining national air transportation system under Federal aviation act (remarks), 00793
regulations, 02535, 04945, 06105
reports, economic cases, 04944, 11332
U.S. air carriers, list, 00792
weekly summary of orders and regulations, 02784
Civil aircraft, *see* Aircraft.
Civil aviation, *see* Aeronautics.
Civil Aviation Convention, International, *see* International Civil Aviation Organization.
Civil defense, *see* Civilian defense.
Civil disturbances, *see* Riots.
Civil engineering:
weekly Government abstracts, 02766
Civil engineers:
Air Force civil engineer (periodical), 01621
Navy civil engineer (periodical), 02357
Civil procedures:
district court of District of Columbia, confer jurisdiction of certain civil actions brought by Senate Select Committee on Presidential Campaign Activities—
law, 08338
report, 03095
judicial disqualification—
report, 03173
Civil rights:
act, coordination by Attorney General, Executive order 11247, 09349
acts, 1957, 1960, 1964, 1968—
text, 10707
civil rights digest (periodical), 01720
equal opportunities for Spanish-speaking people—
hearings, 09843
Federal data banks and Constitutional rights, 10778
Federal employees, protect rights—
report, 10733
highways to skyways, study of contract compliance programs in Department of Transportation, 00794
human rights in world community, call for U.S. leadership, 08389
Indian, issues in Oklahoma, report of Oklahoma State Advisory Committee, 06106
layman's guide to individual rights under United States Constitution, 05154
toward declaration of rights and obligations of older Americans, 10489

Civil rights—Con.
toward fair employment and EEOC, study of compliance procedures under title of Civil rights act of 1964, 03327
Civil Rights Commission:
appropriations, 1974—
hearings, 00198
report, 02967, 06229
appropriations, 1975—
hearings, 10679
Clearinghouse publication, 04947, 07309-10, 08320
hearings, 10550
Civil Rights Division:
Justice Department, Assistant Attorney General, nomination of J. Stanley Pottinger—
hearings, 01034
Civil service:
adverse action, law and regulations, FPM manual supplement, 01987
annuitants, 1972 calendar year, survey of income, 00156
best opportunities for Federal employment, 01678
career opportunities—
physicians, 08821
Veterans Administration, count your benefits, 08264
You and ACDA, 00734
civil service journal, 01721
collective bargaining agreements in Civil service, 06799
coordinated Federal wage system, Federal personnel manual supplement, 01984
current Federal examination announcements, 01843
development of qualification standards, 01976
employment under executive assignment system, 01979
equal opportunity in Federal employment, newsletter, 01922
evaluation of employees for promotion and internal placement, 01981
examination announcements—
current, Washington, D.C., metropolitan area, 01849
Federal service entrance examination, 03964
firefighters, 03962
junior Federal assistant, 08960
office assistant and related positions, 06107
stenographers & typists, 03963
summer jobs in Federal agencies, 03968
technical assistants, 00077
executive branch, need for increased supergrade positions—
hearings, 07440
Federal career directory, 1973, guide for college students, 00796
Federal job information centers, directory, 06113
Federal manager's responsibilities under merit system, 09715
Federal merit promotion policy, 08323
Federal personnel manual FPM supplement, 01975-94, 02890, 06109-11, 07311, 11334-5
from slogan to reality, severely handicapped in Federal service, 02891
handbook X-118, 02514
job analysis, key to better management, 00797
job grading system for trades and labor occupations, 01983, 02890, 06109-10, 07311
laws, Executive orders, rules and regulations, FPM manual supplement, 01992
medical certificates, reviewing and acting on, 01982
medical information, reviewing and acting on, 11335
more effective public service, report, 09936
National emergency readiness of Federal personnel management, manual, 01991
national emergency standby regulations and instructions, FPM supplement, 01994
occupational groups and series of classes, handbook, 02079, 06112
pay structure of Federal civil service, 00798
personnel bibliography series, 08000
position-classification standards for general schedule (GS) positions, 02439
processing personnel actions, 01978
proposed elimination of apportionment requirement for appointments in departmental service in District of Columbia, GAO review, 06691
public service careers, plan B (PSC-B), 10094
qualification standards for positions under general schedule, 02514
State civil service employee associations, 09438
statutory exceptions to competitive service, report, 11438
supergrade positions, increase number—
report, 06324
tests and other applicant appraisal procedures, Federal personnel manual supplement, 01977
veterans, best bets in Washington, D.C. area, 01677
see also Civil service pensions—Government officials and employees
Civil Service Commission:
appropriations, 1974—
report, 00910, 09139
supplemental, hearings, 06366
appropriations, 1975—
hearings, 10685
basic management methods and skills, instructor guide, 04949
design and administration of adverse action and appeal systems need to be improved, GAO report, 07839
examining practices, 01980
Government employees' incentive awards program, improving effectiveness, GAO report, 06685
incentive awards notes, focus on reporting results, 04952
pamphlet, 00075, 00798-9, 02891, 09454-8, 06113, 09715
proposed elimination of apportionment requirement for appointments in departmental service in District of Columbia, GAO review, 06691
salary table, executive branch of Government, 08961
today, 00799
Civil service pensions:
employee civil service retirement deductions, revision—
report, 02983
employee retirement systems of State and local governments, 06072
history of salary and retirement annuity adjustments, 07444
increases in certain annuities—
report, 02987
on the Civil Service retirement system, 04950
retirement annuities, liberalize eligibility for cost-of-living increases, law, 04986

Civil service pensions—Con.
retirement benefits, FPM manual supplement, 01988
retirement, Foreign Service Institute language instructors, provide credit, report, 06347
retirement, life insurance, and health benefits programs, Dec. 1972, benefit comparisons and cost projections, 00155
survey of income of civil service annuitants, 1972 calendar year, 00156
surviving spouse civil service annuities without reduction, report, 11381
survivor annuities of civil service retirees, increase—
report, 10650
survivors benefits, one year marriage for recognition of spouse, require—
law, 10571
report, 03154
tax information on civil service and disability retirement, 03462
see also Retirement.
Civil War, 1861-65:
Southeast during Civil war, selected War Department records in National Archives, 08088
Civilian components of Armed Forces:
appropriations 1975, authorization—
hearings, 10687
personnel strength for 1973, authorization—
report, 09174
Civilian defense:
civil preparedness exercise program guidance, 03254
emergency planning, industry/business seminars, 04267
USSR, civil defense handbook, 07235
Civilian employees, *see* Defense Department-Government officials and employees-National Guard.
Civilians:
American civilian internees interests in war claims of Vietnam conflict—
hearings, 07419
report, 03182
civilian reuse of Defense installations, planning guide for communities, 07649
continued growth planned for Federal civilian R&D programs, science resources studies highlights, 03683
manpower management, 02195
protection under international law in Middle East conflict—
hearings, 09833
travel and transportation, temporary duty, general information etc., 07593
Cladding:
examination of oxide-clad reactions in experiment G5 with high burn-up, 07209
fabrication of clad tube for fast reactor fuels, 09693
mechanical properties of Rapsodie clads and hexagonal wrappers, steel swelling, 07210
Claims:
adequacy of consumer redress mechanisms—
hearings, 07478
Alaska native claims settlement act—
hearings, 09084
American national claims against Hungary, legislation for timely settlement—
hearings, 09068
appropriation to pay claims and judgments, request, 06217
claims and judgments against U.S., proposed supplemental appropriation to pay, 10602
disinfectants and sanitizing agents, standards for claims, and protocols needed to substantiate acceptable claims for efficacy, 08544
Hungarian claims agreement, implement—
report, 11384
Indian judgment funds distribution act—
hearing, 04221
information and reference material for military lawyer, pamphlet, 04856
Micronesian claims act of 1971, amend—
hearings, 01033
law, 02951
report, 03159
military claims in Europe, administration, 09842
military claims, administrative settlement—
hearings, 00148
report, 03026
oyster bed damage due to Federal action, settle claims—
hearings, 05182
quarterly freight loss and damage claims reported by common and contract motor carriers of property, 02518
Southeast Asian war, individual awards provide for full payment—
hearings, 07419
tax refunds, appeal rights and claims, audit of returns, 04506
torts of its investigative and law enforcement officers, provide remedy—
report, 06329
war claims of Vietnam conflict, American civilian internees interests—
hearings, 07419
report, 03182
see also Government contracts-Government officials and employees.
Clapp, Verner W.:
memorial tribute, 05564
Clark Fork:
special flood hazard information, 07706
Clark, William:
Lewis and Clark, brief account of their expedition, 06810
Clarke, James T.:
nomination, hearing, 01032
Clarksburg, West Va.:
floods in Clarksburg, W.Va., 00304
Class actions, *see* Actions at law.
Classification:
Air Force, enlisted personnel airman classification manual, 03885
algorithm of operator activities in process of target classification of radar scope, 05523
classification and assignment of lower mental ability airmen, 08883
classification definition series, 07009
development of classification system for coarse-grained soils, study of trafficability of soils, 10816
Dewey decimal classification, additions, notes and decisions, 01878
ENTERPRISE standard industrial classification manual, 11590
freshwater wetlands in glaciated northeast, 10436
geodetic control surveys, 09549
Government information, proper classification and handling involving national security—
hearings, 09817
HUD issuances, numbers and indexes, 09356

Classification–Con.
indefinite grade retention benefits for positions of employees reduced in grade–
hearings, 08426
Library of Congess, additions and changes, quarterly list, 02203
Library of Congress, class A, general works, 05559
Library of Congress, class K, subclass KD, law of United Kingdom and Ireland, 08685
Navy officers, classification manual, 10356
patent classification manual, instruction sheet, 03713
pay and position classification under general schedule to Title 5 for certain employees of Selective Service–
law, 04023
report, 02982, 03240
position classification and pay, Federal government, bibliography, 06114
position-classification standard for–
fingerprint identification series, 04957
general schedule (GS) positions, 02439
United States marshal series, 03966
wage and hour compliance series, Labor Dept., 00801
public lands for geothermal leasing program, 03438
Strasbourg international patent classification agreement–
report, 00963
U.S. foreign trade statistics, classifications and cross-classifications, 02704
Classified matter, *see* Confidential material.
Classrooms:
one to grow on, film and discussion series for mental health in classroom, announcement and order form, 10297
Clay:
construction products, current industrial reports, 01846
expansive clays and shales in highway design and construction, 06607-8, 06610
minerals yearbook chapter, 11606
Clay shale, *see* Shale.
Clayton, John B.:
relief, 00865, 04979
Clean air act, *see* Air pollution.
Cleaners (mechanical):
products and tools for cleaning, 03873
road clearing, cleaning, and marking equipment, Federal item identification guide, 05238
Cleaning:
ASRDI oxygen technology survey, cleaning requirements, procedures, and verification techniques, 08716
disposal of wastes from airplanes, 11722
have sparkling clean kitchen sink, 03871
how to clean floors, 03868
how to clean rugs and carpets, 03869
kitchen ranges, 03872
metal furniture, 03870
NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oil, and smoke deposits, guide, 00602
windows, mirrors, other glass, 03865
wood furniture, 03866
see also House cleaning.
Cleaning compounds:
and polishing compounds, Federal item identification guide, 09973
household cleaners, 10921
products and tools for cleaning, 03873
Cleaning machinery, *see* Cleaners (mechanical).
Clear Lake Geysers, Calif.:
final environmental statement for geothermal leasing program, statements, comments, and responses, 04504
Cleary, Timothy F.:
nomination–
hearings, 01039
Cleats:
cleat in bituminous coalbeds, 11074
Clergy:
clergymen and religious workers, social security information, 05477
Clerical workers, *see* Clerks.
Clerk, House of Representatives, *see* House of Representatives.
Clerks:
Members of House of Representatives clerk hire, advisory opinion, 09121
pay, national survey, 06807
professional, administrative, technical, and clerical pay, national survey, 04567
see also Postal service.
Cleveland, Ohio:
model cities program, comparative analysis of 2d round planning years, 03430
railroad accident investigation report, 03733
Climate:
climates of United States, 05314
climatological data–
by States, 01722-68
national summary, 01768
GRANIA, code for analysis of climatic effects on natural environmental gamma ray exposure rates, 08898
local climatological data, 02256
monthly data for world, 02312
national climatic services, Federal plan, 08143
sewage stabilization pond in maritime climate, 11546
some climatological characteristics of seedable upslope cloud systems in High Plains, 03669
user's guide for climatological dispersion model, 09995
Climatology, *see* Climate.
Climax, Colo.:
microseismic source locations around block caving at Climax molybdenum mine, 04585
Clinical Center, National Institutes of Health:
patient admission procedures, 04672
Clinical medicine, *see* Medicine.
Clinics:
clinical laboratory procedure, hematology, 07155
outpatient psychiatric clinics, admission to State and county, 10298
proficiency test assessment of clinical laboratory capability in United States, 08092
Clinidae, *see* Blennies.
Clippard Instrument, Inc.:
former workers of Paris, Tenn., plant, threat of unemployment by coil imports, Tariff Commission report, 10459
Clips:
effective wire rope clip installation, establishing standards, 01377
Clocks and watches, *see* Atomic clocks.
Clones:
Mississippi cottonwoods outperform local clones near Cairo, Ill., 05395
Close Timber Utilization Committee:
report, 04435

Closed ecological systems:
space biology, resistance of biological systems, problems, 03622
Closures:
anticipated closure rates for proposed drill hole, Ross Ice Shelf, Antarctica, 01104
crack closure in fatigue, study, 01394
for containers, current industrial reports, 01846
Cloth, *see* Textiles.
Clothing:
apparel survey, current industrial reports, 00060
clothing and textile repair shop, mobile, Federal item identification guide, 00258
coats and coat-like garments, Federal item identification guide, 04298
men's and women's selected monthly apparel cuttings, current industrial reports, 00065
men's apparel, current industrial reports, 01846
men's suits, coats, and trousers, Globe Corporation, Tariff Commission report, 07078-9
notions and apparel findings, Federal item identification guide, 04310
selected items, men's attitude toward cotton and other fibers, 03856
tariff schedule of United States annotated, cotton, wool, man-made fibers, 06456
women's apparel, current industrial reports, 00775, 01846
Cloud seeding, *see* Weather control.
Clouds:
ITOS scanning radiometer data on cloud cover operational products, 06975
multispectral cloud-type identification study of extratropical cyclone with Nimbus 3 medium resolution infrared, radiometer data, 06854
Project Gulf Q, phase III, characterization of maritime cumulus clouds, 08179
seedable upslope cloud systems in High Plains, some climatological characteristics, 03669
television photography, meteorological satellite data, catalog, 00323, 01146, 03319, 07719-21
zero-gravity cloud physics laboratory, 10211
Clower Creek:
floods on North Creek, South Creek, Catfish Creek, Clower Creek, Elligraw Bayou, Matheny Creek, Sarasota County, Fla., 00308
Clustering:
clustering data points on sphere, computer program, 11602
CMG (control moment gyro), *see* Gyroscopes.
CMI (computer managed instructions), *see* Programmed instruction.
CMP (construction management procedure), *see* Installations (military).
CNEXO, *see* National Center for Exploitation of Oceans.
Coachella Valley, Calif.:
ground-water basin of upper Coachella Valley, Calif., analog model study, 10092
Coagulation:
Florida phosphate slimes, electrophoresis and coagulation studies, 07990
Coal:
air quality requirements, assessment of impact on coal, 10179
analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
analyses of tipple and delivered samples of coal, 1973 fiscal year, 06836
anthracite, Pennsylvania, mineral industry surveys, weekly, 02426
anthracite, Pennsylvania, mineral yearbook chapter, 08698
ash distribution in part of Pittsburgh seam and probable mode of deposition, 09466
bituminous and lignite, minerals yearbook chapter, 11607
bituminous coal and lignite distribution (periodical), 01681
bituminous coal and lignite distribution report, supplement, 10179
bituminous coal and lignite in 1972, 05574
chemicals, mineral industry survey, monthly, 01371, 01778
clean boiler fuels from coal, preliminary design and capital cost estimate for demonstration plant, 06119
clean energy from coal technology, 04958
coal combustion seminar, proceedings, 00333
coal composition, coal plasticity, and coke strength, 04582
coal gasification and liquefaction research (remarks), 01314
coal policy issues—
hearings, 05139, 09216
continuous monitoring by neutron moisture meter, 04588
degasification of virgin Pittsburgh coalbed through large borehole, 01380
directional properties of coal and their utilization in underground gasification experiments, 08010, 09475
expanding coal market (address), 10900
flotation of pyrite from coal, pilot plant study, 01382
forecasts of chemical, physical, and utilization properties of coal for technical and economic evaluation of coal seams, 11054
foreign trade reports, 02697
future of Appalachian coal, 08991
gasification development by development corporations—
hearings, 00226
influence of mining techniques on size consist and washability characteristics of coal, 04959
International Coal Research Conference (remarks), 01315
international coal trade, 02170
Iowa coals, preparation characteristics and desulfurization potential, 07998
liquefaction development by development corporations—
hearings, 00226
mineral yearbook chapter, 08699
NOx from coal-fired furnaces, effects of design and operating variables, 07747
nuclear gages for monitoring coalbed of commercial-scale pressurized gas producers, 03566
nuclear meter for monitoring sulfur content of coal streams, 08011
once and future king (address), 07725
partial devolatilization in two entrained-bed carbonizers, 08001
Pennsylvania anthracite, mineral industry survey, 01370, 02426
Pittsburgh coalbed, methane control by isolation of major coal panel, 07987
Pocahontas 3 coalbed, Grundy, Va., methane and dust controls for long walls, 09472

Coal–Con.
potential for conversion of oil-fired and gas-fired electric generating units to use, 01212
present and future role as energy supply–hearings, 05139, 09216
program for reduction of NOx from tangential coal-fired boilers, phase 1, 00331
regenerative pressurized fluidized-bed combustion process, 10837
removal of sulfur from coal by treatment with hydrogen, effect of operating variables and raw materials properties, 04960
report, weekly, 02754
Sturgis Formation (Upper Pennsylvanian), new map unit in western Kentucky coal field, 03408
Sunnyside (Utah) coal, use of char to improve physical quality of coke, 07991
technology, key to clean energy, annual report, 06116
use as boiler fuel, require conversion to facilitate maximum use–hearings, 07521
see also Lignite.
Coal beds, *see* Coal.
Coal dust:
airborne coal dust, collection by steam, 08706
controls for longwalls in Pocahontas 3 coalbed, 09472
dispersion of mine dust in channel by turbulent gas stream, 09473
dustiness of different coal seams, 06839
suppression of coal-dust explosions by passive water barriers in single-entry mine, 08705
Coal gasifiers, *see* Gasifiers.
Coal mines and mining:
adverse effects of mining on Federal reservoir projects–hearings, 07407
bituminous, and lignite mine openings and closings, mineral industry surveys, 11596
bituminous, basic estimated capital investment and operating costs, 05579
bleeder system in virgin area in Pittsburgh coalbed mine, 03572
chemical analysis of slickensides from coal mine roof shale, 11634
cleat in bituminous coalbeds, 11074
dustiness of different coal seams, 06839
fatalities, mineral industry survey, monthly, 01769
Federal coal mine health and safety act–annual report, 08125
black lung benefits program, annual report, 11400
eligibility under black lung provisions, hearings, 04092
fire and explosion prevention research, 07973
fuel extraction for coal seams intersected by oil and gas wells, 06832
geologic structure analysis using radar imagery of coal mining area of Buchanan County, Va., 08005
ground control aspects of coal mine design, 10184
influence of mining techniques on size consist and washability characteristics of coal, 04959
injuries and worktime, monthly report, 01770
injury experience in coal mining, 01374
methane control, eastern U.S. coal mines, 03560
potential uses for 400-Hz electrical power systems in mining, 11058
public land coal leasing policy–hearings, 00136
reclaiming surface-mined lands for outdoor recreation, sources of assistance, 03696
single-entry mine, suppression of coal-dust explosions by passive water barriers, 08705
strip mining methods and equipment selection, 00078
structural analysis of coal mine opening in elastic, multilayered material, 11632
surface mining method 'longwall stripping', feasibility study, 10844
surface mining reclamation act–report, 03160
surface-mine spoils in southern West Virginia, chemical properties and particles-size distribution, 06669
see also Mine drainage–Mine haulage.
Coal refuse, *see* Culm.
Coal Research Office:
annual report, 06116
press releases, 02453
research and development report, 00078-9, 04959-61, 06117-9, 07316
Coal washing:
performance characteristics of coal-washing equipment, hydrocyclones, 11638
Coalescence:
approach of 2 bodies separated by perfectly elastic particle, 08180
Coast Guard:
appropriations, 1975–report, 10674
boating safety circular, 08962
bulletin, 09716
cargo and miscellaneous vessels, Coast Guard rules and regulations, 03970
engineer's digest (periodical), 01771
labeled requirements manufacturers guide, 08962
manual, national search and rescue, 08324
marine engineering regulations, etc., 03969
miscellaneous bills–hearings, 07475
omnibus bill–report, 09894
omnibus legislation for more efficient administration of personnel laws–report, 03003
on scene, National Maritime SAR review, 02402
river currents (periodical), 02554
travel regulations, 02191, 07634
Coast Guard Academy, New London:
information bulletin for candidates, 07317
Coast Guard Auxiliary:
what can U.S. Coast Guard Auxiliary do for you?, 04963
Coast Guard Reserve:
Coast Guard reservist (periodical), 01772
enlistment and commissioning of women, provide–law, 06156
report, 03001, 06326
Coast Pilots:
United States coast pilots, 01476
Coastal Engineering Research Center:
CERC bulletin and summary of research progress, 05293
miscellaneous paper, 07672
reprint series, 05294
technical memorandum, 05295, 06488, 09980
Coastal Plains Regional Commission:
press releases, 02454

Coasts:
aerial remote sensing in coastal engineering, annotated bibliography, 07672
coastal pollution research highlights, 01773
coastal upwelling indices, west coast of North America, 1946-71, 05704
coastal waters, effects of salinity and salinity changes on life, annotated bibliography, 01143
concrete armor units for protection against wave attack, 07713
Federal, State, and local cooperation in Federal coastal zone management program (address), 07328
national shoreline study, general information, 01111
relative cost of shipbuilding, in various coastal districts of U.S., annual report to Congress, 03554
salinity problems of organisms in coastal areas subject to effect of engineering works, 07712
use of Earth Resources Technology Satellite (ERTS-I) in coastal studies, 05294
water from coastal plain aquifers in Washington, D.C., metropolitan area, 10943
Coating materials:
chromium oxide and molybdenum disulfide coatings, evaluation in self-acting stops of air-lubricated Rayleigh step thrust bearing, 11141
high-velocity-oxidation performance of coating on nickel alloys, 09505
reliability and effective thermal conductivity of 3 metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
see also Metal coatings.
Coats:
coats and coat-like garments, Federal item identification guide, 04298
men's, Globe Corporation, Tariff Commission report, 07078-9
Cobalt:
compounds of rare earth metals with cobalt (RCo5) as materials for permanent magnets, USSR study, 05504
eutectic superalloys strengthened by delta, Ni3Cb lamellae and gamma-I, Ni3Al precipitates, 05608
mineral industry survey–
monthly, 01774
quarterly, 01775
Cobalt complexes:
some effects of pressure on hydrocracking of crude shale oil over cobalt molybdate catalyst, 07999
Cobalt molybdate, *see* Cobalt complexes.
Cobb County, Ga.:
soil survey report, 07038
Coburn Creek:
flood plain information, 07695
floods, 07704
Cochise County, Ariz.:
Chiricahua Wilderness Area, mineral resources, 05423
Cocks (plumbing):
drain cocks, Federal item identification guide, 04279
Cocoa:
foreign agriculture circulars, 02039
Cocoa, Fla.:
area wage survey, 04564
CODAP (comprehensive occupational data analysis program), *see* Computer programs/programming.
Coders:
clerical procedures for creation of geographic base (DIME) file, 08947
Codes:
CARPOL, approach to large scale carpooling using DIME technology, 08936
code of Federal regulations, 00372-7, 01213-8, 01776-7, 03347-57, 04414-5, 05366-8, 06623-30, 07804-10, 08568-74, 09306-11, 10036-45, 10911-13, 11513-27
coding performance in 1970 census of population and housing, 09708
cyclic codes, synthesis of new class of decoders, USSR study, 11019
data elements–
entitlement period 4, Revenue Sharing Office, 04757
final entitlement periods 1,2 & 3, Revenue Sharing Office, 04759
evaluating performance, 07207
Federal general data standard, representations and codes, counties and county equivalents of States, 01418
nongovernment organization codes for military standard contract administration procedures (MILSCAP)–
code to name, 02381
name to code, 02382, 09975
standard data elements and coding, State traffic records system design manual, 00569-71, 01441-4, 04661
two NRL codes, physics and chemistry for distrubed E and F regions, 08167
see also Machine record codes.
Codes of law:
District of Columbia, 1973 edition, 00151
United States Code–
citations, how to find, 07434
title 23, highways, 07445
title 28, sec. 455, amend, 03173
Coding theory, *see* Information theory.
Coefficients:
aerodynamic influence coefficient method using singularity splines, 09483
determination of optical absorption coefficient of powered materials whose particle size distribution and refractive indices are not known, 04826
discharge coefficient characteristics, butterfly valve, Auburn Dam, 096601
longitudinal aerodynamic coefficients for F-8 aircraft with supercritical wing, extraction from flight data, 09502
low temperature coefficient of resistance and high gage factor in beryllium-doped silicon, 11128
pole position based on Doppler satellite observatins, for 1971, 05735
reflection coefficients for computer simulation of Loran C/D pulse propagation transforms, 00084
Coffee:
foreign agriculture circulars, 02039
green coffee inventories, imports, roastings, current business reports, 01836
international agreement, Comptroller General's report, 00212
intenational agreement, extend–
report, 00185
Coffee makers:
electric percolators, consumer information, 06633

Coho salmon, *see* Salmon.
Coils:
coiled-pipe heat sink, analytical study, 05302
imports, threat of unemployment for former workers of Paris, Tenn., plant of Clippard Instrument, Inc., 10459
see also Electric coils.
Coinage:
alternative materials for one cent coinage, 05883
Coins:
minted proof Eisenhower dollar coin proceeds for grants to Eisenhower College—
report, 04049
new coinage design and date emblematic of Bicentennial of American Revolution—
law, 02948
report, 03015, 04052
outstanding and circulation, monthly statement, 02613
see also Cent.
Coke:
chemical, mineral industry surveys, annual, 01371
coke from Sunnyside (Utah) coals, use of char to improve physical quality, 07991
mineral industry surveys, annual, 01371
mineral industry surveys, monthly, 01778
minerals yearbook chapter, 08699
oven and beehive coke, and breeze, distribution, 07971
producers in U.S., mineral industry surveys, 05575
structure of cokes carbonized at different temperatures, x-ray study, 11070
Coke breeze, *see* Coke.
Colby, William E.:
nomination—
hearing, 00202
Cold:
flight tests of OH-58 helicopter with elastomeric-bearing main rotor, 07188
medical aspects of cold water immersion, 07964
snowmelt lysimeters perform well in cold temperatures in central Colorado, 04438
Cold regions:
science and technology, bibliography, 01106
Cold Regions Research and Engineering Laboratory:
Experimental Engineering Division quarterly progress report, 01779
Research Division quarterly progress report, 01657
research report, 01102, 05296-9, 07673-76, 09981
special report, 01103-5, 05299-304, 07677-8, 08537, 09270, 10810-12
technical report, 01106-7, 05298, 05305-6, 07609, 09269-70, 08538, 09269, 10810-2
Cold storage:
report (periodical), 01780
Coliform organisms:
coliform bacteria growth and control in aerated stabilization basins, 07757
Collective bargaining:
agreements in Federal service, 06799
collective bargaining, rubber industry, 05555
Hawaii Public employment relations act, GAO report, 05411
industrial safety and improved collective bargaining, important labor rights (speech), 04563
N.L.R.B. and collective bargaining (remarks), 10305
representation of postal employees—
hearings, 07443
selected pension plans, digest, 01882
College Station, Tex.:
floods, how to avoid damage, 11462
College students, *see* Students.
Colleges and universities:
academic R&D expenditures reached $3.3 billion in 1972, 00596
academic R&D expenditures up 9 percent in 1973, 11195
accredited postsecondary institutions and programs, 06477
allied health professions, special improvement grants, 10095
American, foreign curriculum consultant program, 00297
automatic data processing system and procedures, computerized academic counseling system, 02828
children on campus, survey of pre-kindergarten programs at higher education institutions, 03828
correspondence courses offered by participating colleges and universities (PC&U) through United States Armed Forces Institute, 05199
education professions, 1971-72, annual report, school library media field, manpower survey, 04346
energy related graduate traineeship program, 08799
Federal aid to black colleges, 03311, 09261
Federal obligations to academic institutions, instructions and specifications for reporting, 09560
financial statistics, current funds, revenues and expenditures, 04347
financing postsecondary education in United States, 05656
fund for improvement of postsecondary education, 06480
graduate science education, graduate students support and manpower resources, 01496
higher education—
associate degrees and other formal awards below baccalaureate, 00294
directory, 07664
fall enrollment, 00296
loan programs, hearings, 10693
personnel training programs, 09978
interim national standard procedures for deriving per-student costs in postsecondary educational institutions, proposal, 08112
library statistics, analytic report, 01090
NASA-industry-university aerospace awareness program guidelines, 00555
NASA's university program, active grants and research contracts, 10262
National sea grant college and program act, amend—
hearings, 07472
nursing student loan and scholarship programs, list by States of schools participating, 06713
science and engineering curriculum, alternatives in higher education, proposals, guide for preparation, 08790
science and engineering technician education program, 08798
science curricula, college faculty workshops, proposals, guide for preparation, 08791
science, educational program restructuring, proposals, guide for preparation, 08795

Colleges and universities—Con.
science, faculty research participation, proposals, guide for preparation, 08797
sea grant newsletter, index, 00589
State land-grant, Extension Service review, 01927
student financial assistance, theory and practice of need analysis—
hearings, 09827
students enrolled for advanced degrees, 09264
undergraduate enrollment in 2-year and 4-year colleges, 06083
university energy research centers—
hearings, 04143
Collingsworth County, Tex.:
soil survey report, 07039
Collins River:
flood plain information, 06502
floods, 06517
Collisions, *see* Marine accidents—Motor vehicle accidents.
Collisions (electronic):
approach of 2 bodies separated by perfectly elastic particle, 08180
Colma Creek:
effects of urbanization on sedimentation and flood flows in Colma Creek basin, Calif., 11537
COLMIS (collection management information system), *see* Waste products.
Colombia:
agricultural commodities, agreement, 00680
control and eradication of foot-and-mouth disease, agreement, 11778
country commercial program, 03980
economic trends and their implications for United States, 05489
Colon (anatomy):
invagination of colon with prolapse through anus in golden Syrian hamster, 04843
Colonial National Historical Park:
Jamestown to Yorktown, vistas into origin of our nation, 04688
Color:
color removal from Kraft mill effluents by ultrafiltration, 06565
peripheral visual response time to colored stimuli imaged on horizontal meridian, 09498
multichannel ocean color sensor (MOCS), development and flight test, 03583
spaceborne facsimile cameras, controls for drift, video gain, and color balance, 04620
Color blindness:
color vision deficiencies in youths 12-17 years of age, 10277
utility of several clinical tests of color defective vision in predicting daytime and nighttime performance with aviation signal light gun, 08902
Color of man:
mortality trends by color, 06932
Color television, *see* Television.
Colorado:
areal snow cover observations in central Rockies, 08586
census portrait, 08910
central, geology of Montane zone, 08600
chemical and spectrochemical analyses of selected ground water, 04461
climatological data, 01727
early season snow report for Colorado, Jan. 1, 1974, water supply outlook, Federal-State-private-cooperative snow surveys, 10424
east central, Resource Conservation and Development Project area, 03746
electric rate book, 06619
guide for reviewing subdivision plans, 00640
interstate pollution of Animas River, 11752-3
oil shale industry in western Colorado, economic impact of leasing public lands for development, hearings, 07525
precipitation data, hourly, 02098
Project Skywater, snow survey phase, annual report, 09612
snowmelt lysimeters perform well in cold temperatures in central Colorado, 04438
statehood, 100th anniversary, commemorative medals authorize—
report, 06184, 09148
water resources investigations and other publications, 03413
water supply outlook and snow survey, 02744, 11242
water use by native grasses in high altitude meadows, 08274
wilderness areas, designate—
hearings, 04212
Colorado River and Valley:
basin, surface water records, 00445, 07865, 10953
control salinity of water delivered to users in United States and Mexico—
report, 10666
Lower Colorado region comprehensive framework study, 01533, 03699-712
pesticide pollution from agricultural areas, 10004
salinity, agreement with Mexico, 01580, 05830, 08235
upper Colorado River basin, water quality and its relation to reclamation projects, 08820
watershed conditions affecting water supply, 02634
Colorado River storage project:
communications and control systems, Upper Colorado region, field review of maintenance, 03722
subsurface investigations and construction foundations materials test data for crystal dam and power plant, 00621
Colorado-Big Thompson Project:
general information, 04717
Colorimetry:
bibliography of NBS publications, 10268
Columbia Agricultural Co-op, Inc.:
motor carrier accident, 01385
Columbia County, Wash.:
soil survey of area, 08845
Columbia River and Valley:
and tributaries, power installation, Libby Reregulating Dam, Kootenai River, Mont., engineers report—
departmental edition, 01108
document edition, 00958
Columbia River and Valley:
estuary, discharge and flow distribution, 06699
Federal Columbia River Power System, Bonneville Power Administration, annual report, 03928
lower basin, low-flow characteristics of streams, 04471
Federal-State-private cooperative snow survey, and soil moisture measurements for Western U.S. including Columbia River drainage in Canada, 04735
streambed, distribution of radionuclides from nuclear reactors, Hanford Reservation to Longview, Wash., 08612

Columbia River and Valley—Con.
water supply outlook, 02752
Columbia, Mo.:
selected storm events in 5-minute increments, 04481
Columbium, *see* Niobium.
Columns:
column connections used in precast concrete modular housing system, evaluation,
Colusa County, Calif.:
ground water pumpage, 07851
Combat:
psychology of radar operators under combat conditions, USSR study, 11000
Combat areas:
planning and design of roads, airbases and heliports in theater of operations, 07173
theater of operations water supply, feasibility of manufacturing and using plastic pipe, 05308
Combustion:
accidental burning of products, fabrics, or related materials causing death, injuries or economic losses, studies, 10961
aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07743-4
aerodynamic drag and fuel spreading measurements in simulated scramjet combustion module, 11668
burning of solids in oxygen-rich environments in normal and reduced gravity, 10228
coal combustion seminar, proceedings, 00333
combustion equipment for space heating (data supplement), field investigation of emissions, 04371
field investigation of emissions from combustion equipment for space heating, 01167
field surveillance and enforcement guide, 05961
flammability, odor and offgassing requirements and test procedures for materials in environments that support combustion, 11084
fluidized-bed combustion and regeneration of sulfur-containing additives, reduction of atmospheric pollution by application, 04373
fluidized-bed combustion process, evaluation—
fluidized-bed boiler combined-cycle power plant development, appendices, 07740
pressurized fluidized-bed combustion process development and evaluation, 07745
fluidized-bed combustion, international conference proceedings, 10836
injection of heated turbulent jet into cross flow, analysis, 05635
instrumentation for measurement of particulate emissions from combustion sources, 07742
phenomena associated with bench and thermal-vacuum testing of superconductors, heat pipes, 06876
program for reduction of NOx from tangential coal-fired boilers, 00331
regenerative pressurized fluidized-bed combustion process, evaluation, 10837
strut fuel injections for supersonic combustion, 08076
surface combustion concepts for NOx control in utility boilers and stationary gas turbines, investigation, 00332
systems study of conventional combustion sources—
iron and steel industry, 05331
primary aluminum industry, 05330
thermonuclear combustion front in layer of plasma confined by physical walls, structure, USSR study, 07920
waste automotive lubricating oil as municipal incinerator fuel, 04374
see also Flames.
Combustion gases, *see* Gases.
Combustion products:
high-temperature combustion products, computer program for calculating equilibrium composition, 04583
Combustors:
advanced, small, high-temperature-rise combustor program, analytical model derivation and combustor-element rig tests, 09687, 10515
annular swirl can combustor, effect of diffuser bleed on performance, 11108
experimental combustor for development of package boiler emission control techniques, 01173
film cooling in combustor operating at fuel-rich exit conditions, 06894
gas turbine combustor T 53 and T 55 and engine exhaust emission measurements, 10513
inlet-air humidity, temperature, pressure, and reference Mach number on formation of oxides of nitrogen in gas turbine combustor, 05625
liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, program user's manual, 08021
measurements of liner cooling effectiveness within full-scale double-annular ram-induction combustor, 11151
optical measurement of static temperature in hydrogen-fueled supersonic combustor, 08746, 09490
predicting high-frequency stability characteristics of gaseous-propellant combustors, technique, 06877
ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame, 11259
Comets:
Kohoutek, general information, 08016
Command (military):
Army Continental Commands, 1821-1920, preliminary inventory of records, 08086
command and control, 1950-69, Vietnam studies, 08297
commanders call support materials, 01781
commanders digest (periodical), 01782, 07592
officer's handbook on unit administration and services, USSR, 06779
Command modules, *see* Spacecraft modules.
Commemorative medals, *see* Medals.
Commemorative stamps, *see* Postage stamps.
Commerce:
administration efforts to—
improve American role in world economy (address), 04968
solve problems of economy and energy facing America (address), 04966
Agricultural trade development and assistance act of 1954, Library of Congress project newsletter, 02244
air conditioning, commercial and industrial refrigeration equipment trade data, 10803
American-Polish trade accords, 07646

Commerce–Con.
analysis of trade agreements program and Trade reform act, 10767
commerce and foreign trade, code of Federal regulations, 08573
commerce business daily, 01784
commerce today (periodical), 01785
commerce, science and technology, overview (remarks), 02892
common agricultural policy of European Community, 06639
cotton, wool and man-made fiber textiles, tables depicting United States foreign trade, 10398
East-West trade policy, expansion of commerce in goods and services–
report, 03139
East-West Trade, export administration report, 11450
EEC and EFTA rules of origin governing preferential trade, 08530
effects of organized criminal activity on interstate and foreign commerce–
hearings, 09913
effects of pollution on international trade, 10555
energy crisis has important implications for producers and consumers of electricity, 03972
existing trade laws, comparative analysis with H.R.10710, Trade reform act, 07487
foreign agricultural trade, monthly, 02037
foreign economic policy–
hearings, 07398
foreign exchange rate changes effects on U.S. trade and tariff concessions, 01026
foreign trade–
by quarters, 06460
classification of customs districts and ports, 03953
expanding trade (speech), 03536
FT reports, 00778-9, 02693-703
impact of devaluations on changes in United States trade, 03793
regulations, Belgium-Luxembourg, 00281
regulations, Egypt, 06459
regulations, Hong Kong, 05271
regulations, Korea, 05270
regulations, Netherlands, 04332
regulations, Turkey, 05268
statistics, regulations, compilations, amendments, 06070
statistics, U.S. classifications and cross classifications, 02704
strategies, ways to improve, GAO report, 04458
United States, 1967-73, annual, 08531
global market survey, 10148
government regulation of foreign waterborne commerce of United States (remarks), 10909
Hawaii and U.S. Pacific Islands surface commerce act–
hearings, 06376
international economic indicators, 03302
International economic policy act, amend–
law, 02945
international problems of inflation, world trade, and energy (address), 03971
international trading relations contributing to world peace (address), 07320
international traffic in arms regulations (ITAR), code of Federal regulations, 05824
international transfer of conventional arms report of Arms Control and Disarmament Agency, 09070
Interstate commerce act, amend–
law, 00841, 06167
report, 03230, 07474
new challenges and new opportunities in international trade (address), 03979
noncontiguous trade, clarify definition in Merchant marine act–
report, 02941, 02998
nontariff barriers to trade, need for better identification and analysis, GAO report, 06689
nontariff trade barriers, Tariff Commission report, 11268
Northwest forest industries, trade, 02501
overseas business reports, 00286, 03304
overseas trade promotions calendar, 09256
recent developments in trade documentation (remarks), 06617
State taxation of interstate commerce, proposals–
hearings, 07493
textile machinery trade data, 10804
trade barriers, Tariff Commission report, 11267
trade data, 10803-4
trade in Asian Pacific area and US economy (remarks), 07322
trade in cotton textiles, agreement with, El Salvador, 03777
Trade reform act of 1973, summary and analysis, 07495
Trade reform act, amendments to bill proposed, list, 00175
Trade reform act–
hearings, 00177
report, 03065, 10768
trading and investing in Romania, 05267
trading in Poland, 04329
trading with U.S.S.R., 07640
U.S. foreign trade, Schedule C, classification of country destinations, 03955
U.S. foreign trade, 1971-73 by quarters, 01080
U.S. international trade of communication and selected electronic products, calendar year 1967-72 consolidated tabulation, 00815
U.S. trade status with Socialist countries, 06467-8
U.S. trade with Puerto Rico and U.S. possessions, monthly report, 02696
U.S.-Canada trade statistics reconciliation, 06095
United States trade with major world areas, 00286
United States trade, with major trading partners, 00288
USSR trade and services, translations, 02680
waterborne exports and general imports, calendar year, 1972, 00779
world monetary conditions in relation to agricultural trade, 05286
world trade outlook for Asia, 03301
world trade outlook for Latin America and Africa, 03300
see also Diamonds-Exports-Imports.
Commerce Committee, Senate:
calendar, 02228
committee print, 05126, 09912, 09921, 10765
hearings, 00204-8, 01021-4, 04209, 05123-5, 06374-80, 07470-85, 08476-81, 08512, 09195-200, 09913-20, 10761-4
investigations and studies, authorization and expenses, report, 10724

Commerce Committee, Senate—Con.
report, 03139, 03148-9, 03152, 03162, 03188, 03205-6, 05099, 06326, 07474, 09165, 09881, 09894, 09901, 09904, 10731, 10734, 10744, 10748
working paper, 09201
Commerce Department:
annual report, 07321
appropriations, 1974—
amendments, proposal, 00959
hearings, 00198
report, 02967, 06229
supplemental, hearings, 06367
supplemental, proposal, 10600
appropriations, 1975—
hearings, 09810
Assistant Secretary for Domestic and International Business, nomination of Tilton H. Dobbin—
hearings, 01023
Assistant Secretary for Economic Affairs, nomination of Sidney L. Jones—
hearings, 01023
fourteen ways Department of Commerce can help make your business more profitable, 08636
General Counsel, nomination of Karl B. Bakke, hearings, 01023
nontariff barriers to trade, need for better identifiction and analysis, GAO report, 06689
press releases, 02455
serving growing economy and growing people, 07338
U.S. foreign trade strategies, ways to improve, GAO report, 04458
Under Secretary, nomination of John K. Tabor—
hearings, 01023
Commercial banks, *see* Banks and banking.
Commercial fisheries, *see* Fish and fisheries.
Commercial policy:
Colombia commercial program, 03980
Netherlands, pilot country commercial program, 07329
Commercial practices:
code of Federal regulations, 08574, 11515
Commercial products:
average retail prices of selected commodities and services, 05554
brand names identical to products purchased and tested for use by Federal Government, 07812
commodity transportation survey expansion project, feasibility studies, methodologies and findings, 06079
current industrial reports, selected instruments and related products, 00774
engineering and construction manual for instrument to make burn hazard measurement in consumer products, 08104
export commodity classification, special announcement, 03954, 07286
exports, foreign trade reports, 02695, 02702
exports, statistical classification, schedule B, 02569, 04939
imports, foreign trade reports, 02694, 02702
model state method of sale of commodities, 1973 regulation, 00558
pesticides, actions needed to protect consumer from defective products, GAO report, 10082
product examination service, reports on condition of meat, 07119
products performance and servicing, 01428
products, fabrics and related materials, accidental burning, causing death, injuries and economic losses, studies, 10261
technical suitability of products program, HUD, 05457
value of product shipments, annual survey of manufactures, 03932
voluntary product standards PS series, 06924-5, 09517, 09525, 10273
Commercial treaties:
trade agreements program, 1972 annual report, 02964
Commission of Organization of Government for Conduct of Foreign Policy Commission, *see* Organization of Government for Conduct of Foreign Policy Commission.
Commission on American Shipbuilding, *see* American Shipbuilding Commission.
Commission on Bankruptcy Laws of United States:
report, 07339
Commission on Government Procurement, *see* Government Procurement Commission.
Commission on International Radio Broadcasting Activities, *see* International Radio Broadcasting Activities Commission.
Commission on Review of National Policy Toward Gambling, *see* National Policy Toward Gambling, Commission on Review of.
Committee for Purchase of Products and Services of Blind and Other Severely Handicapped, *see* Purchase of Products and Services of the Blind and Other Severely Handicapped, Committee for.
Committees, Select Committee on, House:
committee print, 00924-5
hearings, 04090, 05056
open business meeting, 07392-3
report, print additional copies, report, 09772
Commodities, *see* Agricultural products—Commercial products—Exports.
Commodity Credit Corporation:
audit, fy 1973, GAO report, 09744
average premiums and discounts for CCC settlement purposes for offers received, 01670
charts providing graphic and tabular summary of financial and program data, 00813
general information, 07103
orderly liquidation of stocks of agricultural commodities and expansion of markets for surplus, annual report, 00354
sales list, monthly, 01709
Commodity exchanges:
act, as amended, 02897
act, review, 06262
Federal regulation of trading in commodity futures contracts, 02898
futures statistics on futures trading in commodities regulated under Commodity exchange act, monthly, 02313
futures trading, strengthen regulations to cover all transactions—
hearings, 10677
report, 08367
Commodity Futures Trading Commission:
establish—
hearings, 10677
report, 08367
Common carriers, *see* Motor carriers.
Communicable diseases, *see* Contagion and contagious diseases.
Communication Office, Agriculture Department:
list, 11337

Communication satellites, *see* Satellites.
Communications:
act, amend–
hearings, 04119-20
law, 00099
Apollo experience report–
command and service module communications subsystem, 08077
communications used during recovery operations, 11150
batteries used with law enforcement communications equipment, chargers and charging techniques, 05547
Campaign communications reform act, amend–
hearings, 06304
carriers, discontinuance of service, FCC rules and regulations, 01964
common carriers–
and affiliates, reports, FCC rules and regulations, 01964
miscellaneous rules, FCC rules and regulations, 01964
preservation and records, FCC rules and regulations, 01964
communication and control systems, Colorado River storage project, Upper Colorado region, field review of maintenance, 03722
communications cables, USSR study, 03505
communications equipment, cooperation in combating illicit international traffic in narcotics and other dangerous drugs, agreement with Mexico, 05845
Congress and mass communications, institutional perspective, 09736
data communications system throughout performance using high speed terminals on dial telephone network, 01425
during Great Patriotic War, USSR study, 11022
equipment sales in Far East, prospects for long term substantial, 11336
industry wage survey, 07949
industry, industrial reorganization act–
hearings, 10779
language is for communication, caring for children, 07302
lasers and communications, USSR study, 08653
MEDLINE (MEDLARS On-line), 10307
mine communications, 10185
National Weather Service Communications handbook, 09572, 11699
nine-one-one, emergency telephone number, handbook for community planning, 03800
productivity in telephone communications, 07951
regulating communication media, strict regulation versus democratic freedom of speech (address), 05349
research grant support in communicative fields, 06964
scientific and technical conference on problems, USSR, 08641
S10-60 individual equipment for multichannel long-distance communications systems, USSR study, 07936
specialized equipment, price list reappraisal as of Jan. 1, 1973, USSR study, 11001
superconducting ELF magnetic field sensors for submarine communications, 11705
technical terms and definitions used with law enforcement communications equipment, 05548
terrestrial surface power flux density limits for services using satellites, technical considerations in efficient use of spectrum, 03988
test and evaluation of multi-media cadet career information and counseling center, 07147
transmission of information under water, USSR study, 08648
two-way cable communications, design studies, 09564
U.S. international trade of communication and selected electronic products, calendar year 1967-72 consolidate tabulation, 00815
use of computers in CATV two-way communications systems, 02894
use of Federal Aviation Administration system, FAA regulations, 10020
USSR, herald of communications (periodical), 02086
VUS-12-2 auxiliary amplifying stations, 07934
see also Military communications–Radio communications–Telecommunications– Telegraph–Telephone.
Communications Workers of America:
American Telephone and Telegraph Company, Long Line Department, wage chronology, 11582
Communism:
anti-Marxist essence of Maoist military policy, USSR study, 05517
Communist Party, USA, defenders of Soviet Anti-Semitism–
hearings, 04116-7, 07418, 08406, 09085
Marxism-Leninism on war and army, Soviet view, 08282
theory and practice–
China, Peoples Republic, hearings, 04116-7
EXPOCUBA, hearings, 09085
hearings, 04116-7, 07418, 08406, 09085
USSR, Kommunist (periodical), translations, 02661
Communist countries:
Communist areas, agricultural situation, 00293
Communist Party of Soviet Union:
mighty weapon of the Party, USSR study, 03517
parallel policies of CPUSA and CPSU, and Communist meaning of coexistence-detente, hearings, 07418
Communist Party, USA:
parallel policies of CPUSA and CPSU, and Communist meaning of coexistence-detente–
hearings, 07418
Communities, *see* Cities and towns–Rural communities.
Community Action Administration:
establish–
report, 09794
Community action agencies:
continue urban and rural action programs–
hearings, 10692
natural disaster monitoring, warning dissemination, and preparedness–
hearings, 08470
Community centers:
community mental health centers, oversight–
hearings, 04123
federally funded community mental health centers–
day care services, 04670
general characteristics of additions, 01457
inpatient treatment, 04469
outpatient treatment, 04668

Community development programs:
annual arrangements, improving coordination of community development programs, 05446
community development evaluation series, 01287, 03421, 03421, 05446
community involvement in redevelopment of urban areas and economic growth (address), 05277
community planning and development program funds, administrative control, HUD, 07881
community planning of elderly, 07876
Community services act—
report, 09794
economic development programs, continue—
hearings, 10692
Federal assistance to States and local governments for meeting housing goals—
hearings, 06370
Federal domestic assistance programs, catalog, 01705
funding of programs be kept at level of 1972, sense of Congress—
report, 03234
Housing and community development act—
report, 08455
housing and community development legislation, 1973—
hearings, 01019-20, 06280-1
housing and community development legislation, 06282
Housing and urban development act, amend proposals, 09059
housing and urban development laws and authorities, temporary extension—
report, 03137
minority business assistance from Commerce Department vice Office of Economic Opportunity—
hearings, 07394
national community arts program, 11553
New Communities Administration file manual, 11162
new communities in United States, American approach to new towns, 07889
proposed housing and community development legislation—
hearings, 01019
SBA loans to local development companies, 05785
selecting consultants for community development, 07125
Toledo, Ohio, oversight on housing and urban development programs—
hearings, 03246
urban institutions abroad, list, 10967
Community facilities:
community corrections in Des Moines, handbook, 04557
community mental health centers, minimum statistical and accounting system, 08132
community-centered programs for persons charged with crimes, provide to reduce recidivism—
report, 03172
community schools, promote development and expansion—
hearings, 09061
federally funded community mental health centers, sources of funds, 01458
multiple source funding and management of community mental health facilities, selected papers, 06959
Community health, *see* Health.
Community health services, *see* Health.
Community Health Services Bureau:
information series, 04976
Community life:
community services, State and local responsibility with Federal funding—
hearings, 07394
Community property:
community property and Federal income tax, 03444
Community relations:
guidelines for community relations personnel, prevention and control of collective violence, 00515
Community surveys:
conducting State and community surveys of ambulance services and hospital emergency departments, guide, 10103
Commuter transportation, *see* Transportation.
Compacting:
compaction of broken oil shale, during retorting, 08004
packing of solid particles, theoretical and experimental studies, 08694
Companies:
ENTERPRISE standard industrial classification manual, 11590
filing annual reports with SEC, directory, 10404
mergers and acquisitions, F.T.C. statistical report, 11530
Compensation, *see* Employers' liability and workmen's compensation—Pay, allowances, etc.—Pensions—Salaries—Wages.
Competence (legal authority), *see* Competent authority.
Competent authority:
certificates of competency by SBA for small plants, 08204
Competition:
and antitrust implications in energy industry—
hearings, 07537
automobile industry reorganization, proposal, 08503
competition in real estate and mortgage lending—
hearings, 00229, 05151
Federal procurement of automatic data processing equipment, more competition needed, GAO report, 10081
industrial reorganization for establishing competition by outlawing monopolies and oligopolies—
hearings, 08498
natural gas industry—
hearings, 09224
peach industry, interregional competitive model for canned peaches, 07106
petroleum industry market performance and competition—
hearings, 07520, 09217
statutory exceptions to competitive service, 11438
Complaints:
construction complaints handbook, 05452
how discrimination complaints system works in Federal Civil Service, 04951
Composing machines:
ribbons, changeable type style, etc., Federal standard, 10922
Composite materials:
advanced structural concepts for fuselage, 07187, 07189
composite cylindrical shells, analysis, 10260

564-800 O - 75 - 10

Composite materials—Con.
factors affecting miniature Izod impact strength of tungsten-fiber-metal-matrix composites, 06874
fiber composite laminates, nonlinear behavior, 09479
helicopter rotor hubs, 06012
investigation of use of carbon composite materials for helicopter transmission housing applications, 06011
new materials in engineering, USSR study, 07914
reliability and effective thermal conductivity of three metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
tensile behavior of boron/epoxy-composite reinforced 7075-T6 aluminum alloy at elevated temperature, 09520
Composites, *see* Composite materials.
Compost:
Gainesville compost plant, interim report, 09588
Compounds:
EPA compendium of registered pesticides, antifouling compounds, 01920
evaluation of measurement methods and instrumentation for odorous compounds in stationary sources, field testing, 01168
rare-earth and actinide elements thermochemistry, 08299
spectral identification formed by nuclear radiation in air for remote fallout survey, 03900
see also Organic compounds.
Comprehension:
sentence intelligibility for audiological assessment of Naval personnel and voice communication systems, 07960
speed of comprehending submarine fire control displays—
further evidence of right-left differences, 07959
processing information about right and left, note on left handers, 07961
Comprehensive data handling system (CDHS), *see* Computer programs/programming.
Compressed gases, *see* Gases.
Compressibility:
equipment and test procedure for determining multiaxial tensile and combined tensile-compressive strength of concrete, 09991
error in gas calculations caused by ignoring compressibility and solution effects, 11639
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
Compressible flow, *see* Flow.
Compressing:
compression-decompression schedule for producing dysbaric stress in mature rats, 06825
gyromagnetic compression of powerful relativistic defense tubular electron fluxes, USSR study, 01340
three-point-bend test for materials with unequal tension/compression properties, 08737
Compressors:
axial-flow compressor stability, screen-induced total-pressure distortion, effect, 10225
continued development, two-stage high-pressure-ratio centrifugal compressor, 11304
differential analysis for turbulent boundary layer on compressor blade element, 10252
Federal item identification guide, 01068
flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
FORTRAN program for predicting off-design performance of centrifugal compressors, 06890
increased leading-edge thickness on performance of transonic rotor blade, effects, 06891
modeling high-pressure-ratio centrifugal compressor using low-speed-of-sound gas, 00036
Comptroller General, *see* General Accounting Office.
Comptroller of Currency:
annual report—
departmental edition, 03991
document edition, 05018
nomination of James E. Smith—
hearing, 05121
Comptrollers:
Air Force comptroller (periodical), 01622
comptroller's guide, Army pamphlet, 07169
Computations, *see* Numerical calculations.
Computer languages, *see* Programming languages.
Computer programs/programming:
ADMATCH adventures, 06077
Air Force occupational research project's CODAP system, 07138
ASVT-M control computer complexes and future of their development, USSR study, 10989
automatic interaction detector-version (AID)-4, reference manual, 07142
calculating laminar, transitional and turbulent boundary layers for compressible axisymmetric flow, 11662
casualty data reduction processor program, Naval Weapons Laboratory, 05741
climatological dispersion model, user's guide, 09995
comprehensive data handling system (CDHS), emissions inventory subsystem users guide, 07134
comprehensive occupational data analysis programs (CODAP), group membership (GRMBRS/GRPMBR) and automated diagramming (DIAGRM) programs, 02827
computer program abstracts (periodical), 01794
computer program for calculating equilibrium composition of high-temperature combustion products, 04583
computer program for clustering data points on sphere, 11602
computer program for determining load-carrying capability of running skyline, 08599, 10072
computer program for determining rotational line intensity factors for diatomic molecules, 01402
computer program for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
computer programs for digitizing and using of library tapes of ship stress and environment data, 07027
computer programs, operational and mathematical, compilation, 00550
computer programs, special applications, compilation, 11652
computer programs, urban air shed photochemical simulation model study, 09281

Computer programs/programming–Con.
computer simulation of multi-aircraft flights, aid to mission planning, 06978
computers and careers, 04344
contracted resolution theory to theorem proving by computer, 05728
copyright information, 07584
development of minimum pipe-cover requirements for C-5A and other aircraft loadings, 06530
DIALOG, executive computer program for linking independent programs, 03580
digital-computer programs for analysis of ground-water flow, 00431
electronic career ladder evaluation project, Air Force, 09144
emphasis needed on Government's efforts to standardize data elements and codes to computer systems, GAO report, 10078
expansion-chamber mufflers, improved method for design with application to operational helicopter, 00553
finite element analysis of concrete airfield pavements, 06500
fixed format lexicon for nuclear medicine reports, 11758
FORTRAN IV routines calculation of supersonic stream parameters of real gas from measurable quantities, 10256
FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial or mixed flow turbomachine, 09500
FORTRAN programming for surface wave trains,05732
FORTRAN program for predicting off-design performance of centrifugal compressors, 06890
FORTRAN program 4, computing static deflections of structural cable arrays, 08174
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
FORTRAN program, meteorological-pollutant model using CO validation data in Los Angeles, 01157
graphical CSSL, new tool for scientific computation using interactive computer graphics, user's guide, 04702
grids, computer mapping system, 08937
improved work directors for program wire assemblies, 07215
liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, program user's manual, 08021
mass spectral search system, user's manual, 10853
mechanical and structural design criteria, computer programs, 05612
modeling and mathematization in psychology, USSR study, 00508
motion software transformations and circuitry for synergistic six-degree-of-freedom motion base, 05618
National Weather Service River Forecast System, snow accumulation and ablation model, 10319
nuclear medicine, sharing computer programs, proceedings of symposium, 06035
numerical analysis of stiffened shells of revolution, 01389
retrieval program for archival Nansen-cast data, 07005
rotorcraft flight simulation computer program, C-81 general description, 00743
simulation of hydrazine-driven emergency power generator, 06489
sky target experiments, determining possible daily release window, 11650
spacelab data management subsystem, phase B study, 11120
STAR adaption for 2 algorithms used on serial computers, 11102
steady-state decoupling of elements of longitudinal mode of airplane, 11655
supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
ten fast Fourier transform (FTT) programs, evaluation, 03901
theorem proving application to automatic program writing, 05743
use of maximum likelihood method under quantal responses for estimating parameters of normal distribution and its application to armor penetration problem, 05742
user manual for LIFE 1 computer program, 09272
WASP, flexible FORTRAN IV computer code for calculating water and steam properties, 05623
see also Programming (planning).
Computer science:
computers and careers, suggested curriculum, 04344
Federal use and development of advanced information technology, Federal information systems and plans, 09837
summary of awards, Computer Research Division, National Science Foundation, 10346
theorem proving in artificial intelligence, role, 05743
Computer simulation, *see* Simulation.
Computer tapes, *see* Magnetic tapes.
Computerized simulation, *see* Simulation.
Computers:
computer systems, government looks at privacy and security, 06915
computers, control & information theory, Government abstracts, 02767
in economics and scientists of future, USSR study, 10984
network management survey, 08102
networking technology, review, 08101
networking terminology, guide, 10271
reflection coefficients for computer simulation of Loran C/D pulse propagation transforms, 00084
see also Computer science–Distance computers–Electronic computers.
Concrete:
achieving exposed aggregate surfaces for site-cast concrete investigation of techniques, 06494
armor units for protection against wave attack, 07713
concrete for military structures, standard practice, technical manual, 09682
concrete structural design for buildings, 04867
concrete-polymer materials, 08825
drift linings in block caving stopes, structural design data, 07988
equipment and test procedure for determining multiaxial tensile and combined tensile-compressive strength, 09991
finite element analysis of concrete airfield pavements, computer program, 06500

Concrete–Con.
investigation of methods of preparing horizontal construction joints in concrete, 00321
plastic concrete, feasibility study, new method for field analysis, 06496
polymers in concrete, development and use, 04720
precast concrete modular housing system, evaluation of column connections, 09519
use on farm, 03849
using epoxy resin grouts, mortars and concretes, repair of rigid pavements, 03915
see also Floors and flooring.
Concrete beams:
compression characteristics and structural beam design analysis of steel fiber reinforced concrete, 06495
Condemnation of property:
private, for public use, tax information, 03445
Condensation:
control of carbon dioxide cryodeposits, 03603
flux force/condensation scrubbing for fine particulate collection, feasibility, 07751
treatment of sulfite evaporator condensates for recovery of volatile components, 09997
Condensers (electric), *see* Capacitors.
Condensers (vapors and gases):
condensers and condensing system pumps for air-cooled steam power plants, 07238
Federal item identification guide, 03278
Condominium housing, *see* Housing.
Conductance, *see* Electrochemistry.
Conduction of heat, *see* Heat transfer.
Conduits:
fittings, Federal item identification guide, 03262
outlets, Federal item identification guide, 06421
prismatic conduits, computation of uniform and nonuniform flow, staff report, 05357
Cones:
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
chemicals fail to induce abscission of loblolly and slash pine cones, 00406
longleaf pine cone production in relation to site index, stand age and stand density, 00407
measured pressure distributions on large-angle cones in hypersonic gas flows, 08059
provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417
Confectionery:
current industrial reports, 01846
Conference committee:
committee print, 09008, 09735
report, 00908, 03006, 03014-5, 03019, 03021, 03027, 03029, 03033, 03035, 03048, 03076-7, 03083, 03086, 03231, 04055, 04059, 04065, 04077-8, 04170, 04174, 05033, 05040, 05101, 05103, 06229, 06247, 06249, 06251, 06253, 06257, 06351, 08368, 08452, 09030, 09034, 09039, 09144, 09164, 09175, 09758-9, 09773-4, 09798, 09890, 10741, 11385
Conference on Acute Renal Failure:
proceedings, 11683
Conference on Environmental Quality Sensors:
proceedings, 07773
Conference on Privacy and Computer Security:
government looks at privacy and security in computer systems, 06915
Conferences, congresses, etc.:
calendar of environmental meetings, quarterly, 02516
Federal constitutional convention procedures for proposing amendments–
hearings, 00230
international organization and conference series, 05822, 07045, 10439
Confidential material:
ADP security manual, 05196
government looks at privacy and security in computer systems, 06915
marking and safeguarding information designated for official use only, 08627
safeguarding, industrial security manual, 08526
Configurations:
acoustic performance comparison of 5 muffler configurations on small helicopter, 10241
effect of gaseous and solid simulated jet plumes on 040A space shuttle launch configuration at M - 1.6 to 2.2, 11104
electrical heating tests of uranium dioxide external fuel configuration at emitter temperature of 1900 K, 08721
evaluation of various sizes and configurations of fuel tanks, 09684
hypersonic aerodynamic characteristics of all-body research aircraft configuration, 05620
prediction of overall and blade-element preformance for axial-flow pump configurations, 00547
wind-tunnel roll-damping measurements of winged space shuttle configuration in launch attitude, 06875
Confinement:
Federal prisoners furlough, extend limits from confinement–
hearings, 04126
human self-development in confinement, 06002
Conflict (psychology):
conflict in decision making and in its simulation, USSR study, 08666
Congo (Brazzaville)::
background notes, 00658
Congress of United States:
budget control and national priorities–
hearings, 07460, 07574
Congress and mass communications, institutional perspective, 09736
Congress rediscovers itself, Republican report, 09867
congressional record–
daily, 01796-7
92d Congress, 2d session, bound volume, 02899-900, 03992, 04977, 06130, 07343, 08331-2, 08970, 09723-7, 10558-60, 11338-40
congressional serial set, 00086-7, 00819-28, 02901-7, 03993-8, 06132-47, 07345-64, 08333-7, 08971-87, 10561, 11341-9
constitutional immunity of Members, legislative role in gathering and disclosing information–
hearings, 05002
directory, official edition, 93d Congress, 2d sess., 06131
European Parliament, report on meeting with, 04100
Federal impoundment control procedure act–
report, 00189
franking privilege, clarify proper use–
hearings, 04247
law, 06159
report, 03191

Congress of United States–Con.
franking privileges, compilation of legislative history, 09109
impoundment control and 1974 expenditure ceiling–
report, 02974
improving congressional control of budget–
hearings, 06391
information from Federal officials and employees, full and prompt production, sense of Congress–
report, 11413
laws–
private, 00088-90, 00829-40, 02908-34, 04978-82, 06148
public, 00091-112, 00841-7, 02935-55, 03999-04029, 04983-05800, 06149-98, 07365, 08338-46, 09004-67, 09732-4, 10562-90, 11350-4
new dimensions in transatlantic dialog with Members of European Parliament, Strasbourg, France, 00131
93d Congress, provide for 2d session–
law, 06163
numerical lists and schedules of volumes, reports and documents, 91st Congress, 01537, 03715
war powers of Congress and the President–
law, 04990
report, 03029
veto message, 04039
Congressional committees:
committee organization in House–
hearings, 00924, 04090, 05056
panel discussions, 00925
committee reform amendments in House, open business meeting, 07392-3
Federal agencies to keep congressional committees fully and currently informed–
hearings, 04206
meetings to be open to public, response to subcommittee questionnaire, 09934
Senate committee employees' pay, eliminate minimum limits–
law, 10569
report, 03213, 10616
Senate, expenditure authorizations for Senate committees, 09966
Congressional districts:
data book, 93d Congress, statistical abstract supplement–
departmental edition, 04937
document edition, 06210
data CDD-series, 08940
Congressional Medal of Honor, *see* Medal of Honor.
Congressional Operations, Joint Committee:
committee print, 09009, 09736
hearings, 05002
Congressional Research Service:
Library of Congress, annual report, 10716-7
Conical shells, *see* Shells (structural).
Conneaut, Ohio:
port, 09275
Connecticut:
local rail service zone, Secretary of Transportation report, 04755
medical facilities for Connecticut veterans–
hearings, 05091
mineral industry, minerals yearbook chapter, 05591
water quality management, statement, 11219
Connecticut River:
water quality management, basin statement, 11219
Connectors:
electrical connector parts, Federal item identification guide, 04288
flexible connectors in HVAC systems, report of fire tests, 06908
joints and connections, classifications definitions, 07009
MC2810 high-voltage connector characteristics and development report, 02856
non-ideal sliding short to two-port connector loss measurement, application, 06917
posts, splices and terminals, Federal item identification guide, 04273
system interconnections for broadband cable teleservices, survey, 03986
wire-bend electrical connections, methods for testing, 03643
Conscription:
comparative data on sample of all-volunteer enlistees with 1970-72 Air Force accessions, 02831
registrants processing manual, 08201-3
selective service news, 02588
Consent decrees:
bills to reform procedures–
hearings, 07430
Conservation, *see* Natural resources–Soil conservation.
Conservation farming, *see* Soil conservation.
Conservation irrigation, *see* Irrigation.
Consolidated Edison Co.:
fiche index for nuclear dockets, 02852, 07229
Consolidated Rail Corporation:
establish–
law, 06191
Constants:
photochemical and rate data for 12 gas phase reactions for atmospheric chemistry, 06906
see also Fundamental constants.
Constitution of United States:
amendment–
direct popular election of President and Vice President of United States, hearings, 07539
twenty-fifth, selected materials, 04155
analysis and interpretation, 08444
constitutional immunity of Members of Congress, legislative role in gathering and disclosing information–
hearings, 05002
Constitutional oath of office for Federal employees–
hearings, 00139, 09839
constitutional questions concerning emergency powers–
hearings, 00238, 07566
constitutional rights of American Indians, revise and republish certain documents–
law, 10573
report, 10638
constitutional rights, subcommittee activities–
report, 03171
constitutional standard for Presidential impeachment analysis, summary, 05755-6
constitutionality of professional standards review legislation, memorandum in support of Government's motion, 09926
Federal constitutional convention procedures for proposing amendments–
hearings, 00230
report, 03141
Federal data banks and Constitutional rights, 10778

Constitution of United States—Con.
history of provisions of Constitution on impeachment, 10157
individual rights, layman's guide, 05154
proposed amendments, 92d Cong., 2d sess., 03358
text, 07331
text, print as House document, authorize—report, 03040, 03203
Construction, *see* Building—Building trades—Construction industry—Earthwork and structures—Installations (military).
Construction Engineering Research Laboratory:
interim report, 09983-4
technical manuscript, 00299, 06489-91, 07680
technical report, 01109-10, 03318, 05307-8, 06492-500, 07681-5, 08538, 09271, 09985-7, 11459-60
Construction industry:
census, 1972, preliminary industry and summary report, publications order form, 06094
construction authorized, Washington, D.C. area, 01800
construction reports, 01800-6, 02868,08941
construction review, monthly industry report, 01807
construction standards and interpretations, 08814, 11713
heavy construction, 1971, employee compensation and payroll hours, 07952
integrated approach to construction management, 06491
value of new construction put in place, reports, 01806
see also Building.
Construction labor, *see* Labor
Construction materials:
building glass, tile, brick, and block, Federal item identification guide, 05250
ductile fracture equation for high-strength structural metals, 04696
mineral construction materials, bulk, Federal item identification guide, 05253
miscellaneous construction materials, Federal item identification guide, 06440
nondestructive testing of construction materials and operations, 06497
strain-cycling fatigue behavior of 10 structural metals, 09506
subsurface investigations and construction, foundation materials test data for Crystal Dam and Powerplant, 00621
telephone system construction contract, materials, REA, 09603
Consular service, *see* Consuls.
Consuls:
consular relations, agreement with—
Barbados, 01579
Belgium, 10443
Hungarian People's Republic, 01570
Polish People's Republic, 01571
Romania, 00667
Consultants:
Federal labor-management consultant (periodical), 01970
professional minority consulting firms, nationwide roster, 10854
selecting consultants for community development, 07125
Consulting firms, *see* Consultants.
Consumer Affairs Office:
appropriations, 1974—
report, 06224
transportation topics for consumers, 02684
Consumer credit, *see* Installment credit.
Consumer goods, *see* Commercial products.
Consumer income, *see* Income.
Consumer Information Center:
appropriations, 1974—
report, 06224
Consumer Product Safety Commission:
appropriations, 1974—
report, 06224
NEISS news, 02363
press releases, 02456
Consumer Protection Agency:
establish—
hearings, 04209, 07413
report, 09901
Consumers:
adequacy of redress mechanism—
hearings, 07478
Agriculture and consumer protection act—
hearings, 06267
law, 00845
report, 02975
agriculture-environmental and consumer protection appropriations, 1974—
law, 04985
report, 03014, 06224
agriculture-environmental and consumer protection, appropriations, 1975—
hearings, 07386, 09800-1
report, 10675
buying indicators, series, 06092
consumer aid series, National Highway Safety Bureau, 06942, 08116-8
consumer alert (periodical), 01808
consumer bulletin, 05382
Consumer energy act—
hearings, 09198, 09916-7
consumer information series, Federal Supply Service, 00381, 06633-4, 09314, 10921
consumer instalment loans rates, 03372
consumer involvement in delivery of social service, 00633
consumer legislative monthly report, 01811
consumer news (periodical), 01812
consumer preference and cooking yields of 3 and 5 pound pork spareribs served with and without rib bones, 04839
consumer problems of Klamath Indians, call for action, 10054
consumer protection would be increased by improving administration of intrastate meat plant inspection programs, GAO report, 06677
consumer questions on banking, saving and loan associations, etc., 05885
consumer services, USDA data inventory, 07340
consumers' buying practices, uses, and preferences for fibers in retail piece goods, 05947
directory, State, county and city government consumer offices, 01054
egg research and consumer information—
hearings, 09799
farm export policies, farmers, and consumer (remarks), 05935
FDA consumer, 01940
food and other price increases—
hearings, 05008
handbook for home, 1973 yearbook of agriculture—
department edition, 04779
document edition, 05015
inflation and consumer in 1973, study, 05009
national nutrition policy study, report and recommendations, 10783

Consumers–Con.
NBS consumer information series, 03636
news for consumers, highlights of new Federal consumer publications, 02364
nutrition and consumer, 09957-8
pesticides, actions needed to protect consumer from defective products, GAO report, 10082
postal services and products, consumer's guide, 04762
preferences, uses, and buying practices for vegetables, 07122
price index, city average and selected items, 01813
product performance and servicing, examination of consumer problems and business responses, 01428
protect against unfair and deceptive housing sales–
hearings, 09915
protection, under new anti-tampering odometer law, 08116
rate regulation in consumer credit industry, analysis and impact, 06934
recycling and the consumer, 06593
redress against inflation–
hearings, 07482
service, USDA's report (periodical), 02590
State consumer action, 1972 summary, 00246
transportation topics for consumers from Office of Consumer Affairs, 02684
vocational schools program, consumer education, 10925
Consumption (economics):
industrial diamond and small diamond dies, U.S. consumption and trade in 1972, 03297
Contagion and contagious diseases:
CDC veterinary public health notes, 01710
communicable disease control activities, report, 00857
human immunoglobulins and their role in infectious pathology (survey), USSR study, 04547
infectious diseases research series, 08127-30
morbidity and mortality weekly report, 02327
pneumococcal infection, infectious diseases research, 05672
subjects' recent life changes and their near-future illness susceptibility, 06819
Containerization:
developments in intermodal transportation (remarks), 08566
export shipping, containerized and other (remarks), 06618
full and proper development is greatly hindered (remarks), 01203
inventory of American intermodal equipment, 1973, 10173
marking and labelling intermodal containers, conference proceedings, 01368
SI-7 containership–
response instrumentation system aboard S.S. Sea-Land McClean, 11227
wave loads running at oblique headings in regular waves, 11228
waterproof marine ventilation system for dry freight shipping van containers, 05946
Containers:
closures, current industrial reports, 01846
glass, current industrial reports, 01846
industry report, quarterly, 01815
international agreements, 06318
National Conference on Pesticide Containers, proceedings, 06637
packagings for transportation of radioactive materials, directory, 06066
shipping and storage containers, Federal item identification guide, 07627, 09253
shipping, standardization for fresh fruits and vegetables , 07120
standardizing container sizes for shipping fresh meat products, 02804
see also Containerization.
Containment:
fabric boom concept for containment and collection of floating oil, 06569
Contaminants:
contaminant emissions model and inventory for Los Angeles, 09279
removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
toxic materials analysis of street surface contaminants, 00845
Contamination:
assessment and control in scientific satellites, 03610
contaminant emissions model and inventory for Los Angeles, 09279
gas flow analysis during thermal vacuum tests of spacecraft self-contamination, 06892
MSFC Skylab contamination control systems mission evaluation, 11112
NRL clearing and salvaging techniques for reclaiming equipment contaminated with seawater, oil, and smoke deposits, 00602
vapor impurities from TNT, RDX and composition B, exploratory analysis, 05300-1
Contentnea Creek:
health aspects report, 11727
Contests:
tax information for sponsors of contests and sporting events, 03458
Continental Airlines:
aircraft accident report, 06995
Continental Congress (1774-89):
Continental Congresses 10-cent regular stamp (poster), 09647
Continental Shelf:
Atlanic Continental Shelf and slope of United States, sediment texture of northeastern part, 06701
Atlantic Continental Shelf and slope, texture of surface sediments from New Jersey to southern Florida, 07860
distribution of selected elements in surficial marine sedimentation of northern Gulf of Mexico Continental Shelf and slope, 05435
lobsters, declare creature of Shelf to restrict foreign fisheries, report, 06242
microbial degradation of petroleum in Continental Shelf sediments, 05303
oil and gas, development–
report, 09921
outer Continental Shelf lands act, amend–
hearings, 07534, 08479-80
outer Continental Shelf oil and gas general lease sale offshore Texas, 1974 proposal, 10165, 11588
producible shut-in oil and gas leases, offshore investigations, 09305
west coast Continental Shelf bottom gravity measurements, Cape Flattery to Santa Cruz, 10316
world oceans, international legal regime, USSR study, 04543

Continuum mechanics:
modeling high-pressure-ratio centrifugal compressor using low-speed-of-sound gas, 00036
Contraceptives:
intrauterine contraceptive devices, regulation–hearings, 00935
Contract farming:
entrepreneurial control in farming, 06474
Contractions, *see* Abbreviations.
Contractors:
control of Government property by contractors, guide, 11484
Farm labor contractor registration act, amend–hearings, 09824
registry of minority construction contractors and housing professionals, 00451-7, 08633
Contracts:
Federal regulation of trading in commodity futures contracts, 02898
guide to NIH research contracting process, 05687
long-term contracts for forest land and timber in South, 05405
mortgage insurance operations and contract authority, summary, 02631
selling to industry, for sheltered workshops, 01540
use of illustrations of obligations & securities of United States & foreign governments, 01544
see also Collective bargaining–Government contracts–Performance (law).
Control, *see* Aircraft–Helicopters–Satellites–Spacecraft.
Control monitors:
tritium control technology, 06062
Control rods:
compatibility of refractory materials for nuclear poison control rod systems, 08045
Control systems:
advance engine control program, 07194
advanced automotive control systems vehicles, final report, 00028
alleviate aircraft response to horizontal and vertical gusts, 06858
broadband cable teleservices, system control facilities head-ends and central processors, 00809
CAMAC serial system organization, description, 09703
channel control problem, application of minicomputer, 03727
characterization of particulates and other nonregulated emissions from mobile sources and effects of exhaust emissions control devices on these emissions, 00027
communications and control systems, Colorado River storage project, Upper Colorado region, field review of maintenance, 03722
control in space, USSR study, 00500
control laws and actuator locations for control systems applicable to deformable astronomical telescope mirrors, 05614
control systems, USSR study, 00499
control technologies and emissions in graphic arts industries, evaluation, 03883
controlled environment agriculture, global review of greenhouse food production, 04341
decomposition-aggregation stability analysis of Skylab control system, 04600
discussions on perfection of control, USSR study, 01345
en route position and time control of aircraft using Kalman filtering of radio aid data, 05634
fail-operational control of turbojet engine, self-teaching digital computer program, 10227
flight investigation of structural mode control system for XB-70 aircraft, 03608
ground control aspects of coal mine design, 10184
impacts of transportation control strategies on Los Angeles air quality, 00329
integrated power/attitude control system (IPACS) study,conceptual designs, 10208
modern control concepts in hydrology, 08715
MSFC sortie spacelab environmental control system (ECS) phase B, 10233
nomographs for thermal pollution control systems, 05327
particulate control devices, technique for calculating overall efficiencies, 04384
pseudo-Nyquist analysis technique for hybrid sampled-data control systems, development, 06846
quality control practices in processing air pollution samples, 03880
quasi-optimum design of six degree of freedom moving base simulator control system, 03584
reactive environmental simulation model (REM) to assess impact of chemical reactions of air pollution control devices, 05321
rotating, of CH-54B helicopter, evaluation of stall-flutter spring-damper pushrod, 06019
satellite automatic nutation control system, testing, 11134
selective digital computer signal systems, 06609
semiconductor materials, process contol, and devices, methods of measurement, 03647
single-axis dual-level precision pointing system, laboratory simulation, 03602
spacelab phase B study, enviromental control systems, component handbook, 10232
State agencies engaged in environmental control directory, 06541
terminal-shock and restart control of Mach 2.5, axisymmetric, mixed-compression inlet, 08049
turbine engine fuel control reliability and maintainability analysis, 04879
urban freeway surveillance and control, state of the art, 03340
Control theory:
psychological problems in regulation of activity, USSR study, 05526
Controllability:
control force limits for female pilots, study, 10532
flight evaluation of HL-10 lifting body handling qualities at Mach numbers from 0.30 to 1.86, 08071
Controlled materials plan:
statistical methods in nuclear material control, 10524
Controlled substances act, *see* Drugs.
Controlled Thermonuclear Research Division:
review of research program, 06064
Controls (aircraft), *see* Aircraft.
Convection currents, *see* Air.
Convection of heat, *see* Heat transfer.

Convention of American Instructors of Deaf:
46th biennial meeting, proceedings, print as Senate document—
report, 03208
Conventions, *see* Conferences, congresses, etc..
Conventions and treaties, *see* Treaties.
Conversion of property, *see* Property.
Converters (electrical), *see* Electric current converters.
Converters:
radioisotope thermal converter for artificial heart device, evaluation of practicability, 06059
Conveyors:
conveyors and elevators, Federal item identification guide, 00260
see also Loaders (mechanical).
Cook, Donald C., Nuclear Plant, *see* Donald C. Cook Nuclear Plant.
Cookery:
cooking and fat level effect on oxygen uptake of freeze-dried cooked ground beef, 04838
cooking and rehydration parameters, effect on tenderness of freeze-dried raw pork chops, 04844
cooking for small groups, 07111
cooking for two, 03860
cooking yields of 3 and 5 pound pork spareribs served with and without rib bones, consumer preference, 04839
frozen cooked food survey, Army requirements and recipes, 05265
irradiation sterilized meats, cooking procedures and recipes, 04834
Cooking, *see* Cookery.
Cooking appliances:
current industrial reports, 00769, 10540
food-cooking, baking-serving equipment, Federal item identification guide, 00263
Coolants:
coolant mixing in LMFBR rod bundles, 06037-8
dissociating gases as coolants and working substances at atomic power plants, USSR study, 03495
gas cooled reactor technology, bibliography, 06052-3, 10520-3,
Cooling:
cold-air investigation of turbine for high-temperature-engine application, 11663
cooled turbine vanes, cold-air annular-cascade investigation of aerodynamic performance, 08747, 09491
crossflow effects on impingement cooling of turbine vane, 08724
high temperature contact nucleation of supercooled water by organic chemicals, 08178
measurements of liner cooling effectiveness within full-scale double-annular ram-induction combustor, 11151
pressure-surface film cooling tests of film-cooled turbine stator blade, 11106
solar energy utilization—
hearings, 05085
solar heating and cooling demonstration act—background and legislative history, 09857
hearings, 08442, 09951
report, 08361, 09761, 10736, 10742
transient turbine air-cooled vane temperatures in cascade for gas stream temperature, 11653
Cooling appliances, *see* Refrigeration and refrigerating machinery.
Cooling systems:
air-cooled steam power plants, condensers and condensing system pumps, 07238
application of solar energy to cooling of buildings, research on subsystems and systems, 09566
base cooling air passages of rotating turbine blade, flow measurement, 11153
components, Federal item identification guide, 07615
engine fuel and cooling system components, Federal item identification guide, 05228
power plant, engineering aspects, environmental impact 07755
residential, development of solar powered unit, 11083
Solar Heating and Cooling for Buildings Workshop, proceedings, 08804
surface condensers with dry-type cooling systems for fossil-fueled and nuclear generating plants, economics of use, 07237
technical and economic evaluations of cooling systems blowdown, control techniques, 06566
Cooling towers:
PILLS II system, explicit calibration, 04365
predicting and controlling residual chlorine in cooling tower blowdown, 01171
Cooperation, *see* International cooperation.
Cooperative Farm Credit System:
annual report, 09021
Cooperative housing, *see* Housing.
Cooperative State Research Service:
CSRS series, 08969
Cooperatives:
cooperative research progress, problems, 05341
cooperative soil surveys, what they can do for you, 08217
cooperatives and condominium housing, census report, 00048
loans by banks for cooperatives to public utility cooperatives—
report, 11415
political contributions by milk producers cooperatives, 1971 milk price support—
hearings, 09095, 09099
public utility cooperatives serving producers of agricultural products, credit eligibility—
hearings, 07464
see also Farmers' cooperative organizations.
Coordination compounds:
metal, stability constants, complexes of diethylenetriamine, 07996
Coots:
hunting seasons, limits, and shooting hour schedules in Alaska, Federal regulations, 04740
Copepods:
five new bomolochid copepods parasitic on Indo-Pacific clupeid fishes, 11761
Lichomolgidae Kossmann, 1877, cyclopoid copepods mainly associated with marine invertebrates, revision of family, 07029
Copper:
at Kennicott, Alaska, estimated costs to produce, 01372
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
copper and copper base alloy mill products, tolerances, Federal standard, 07813
copper-base mill and foundry products, 11317

Copper–Con.
dispoaal from national and supplemental stockpile–
hearings, 06277
law, 06177
report, 00990, 10608
duties, suspension on certain forms of copper, continue–
law, 00094
report, 10661
electrical discharge between coaxial copper electrodes in magnetic field, USSR study, 06762
industry–
mineral industry survey, monthly, 01819
quarterly report, 01818
joining magnetic alloy stainless steel, technological spinoff report, 02849
mill and foundry products, current industrial reports, 01847
minerals yearbook chapter, 08700
oxidation of cement copper by flash roasting, 01378
primary production, air pollution aspects of emission sources, bibliograhy with abstracts, 00725
recovering copper from mill tailings, selected studies, 11063
recovery of secondary copper and zinc in United States, 08693
reducing copper impurities in ferrous scrap recovered from incinerated municipal refuse, 01376
separating copper from scrap by perferential melting, 04590
thermotransport in liquid aluminum-copper alloys, 01414
Copper mills:
copper-base mill and foundry products, 11317
inventories of shapes, current industrial reports, 00770, 01846-7
Copper sulfate:
mineral industry survey, quarterly, 01820
Copper sulfides:
reactions of copper sulfide minerals with chlorine in aqueous system, 03569
Copyright:
assignments and related documents, 03251
books, copyrights, and customs, 05190
catalog of copyright entries, 00247, 01056
computer programs, 07584
copyright in United Kingdom for U.S. citizens, 01058, 05191
devices not copyrightable, 07583
enactments, law of United States, 07581
fair use of copyrighted works, 07582
inquiry and investigation, authorization and expenses, 03142
international copyright relations, 03252
law revision–
hearings, 04232
hearings, print additional copies, authorize, report, 04175
text of bill, 09226
poems and song lyrics, 01059
section 3 of Title 17, U.S. Code, 07585
Copyright Office:
announcements, 01647
bulletin, 07581
circulars, 00248-9, 01057-9, 03250-2, 05190-2, 06409, 07582-6
compendium of practices, 01792
general information, 01057
regulations, 07586
Coral reefs and islands:
atoll research bulletin, 08834-5
crown-of-thorns starfish (Acanthaster planci), plagues, natural causes theory, 08834
Corals:
Middle Devonian rugose corals of the central Great Basin, 06705
Silurian rugose corals of central and southwest Great Basin, 06703
Cord, *see* Electric cord.
Cordova-Campos, Juan M.:
relief, 00833, 00975
Core drilling:
in perennially frozen gravels and rock, investigation, 05306
overcoring equipment and techniques used in rock stress determination, 10183
see also Ice coring rigs.
Cores:
research turbine for high-temperature core engine application, 10255
Cores (reactor), *see* Reactors (atomic).
Coring rigs, *see* Ice coring rigs.
Corn:
bird damage to sprouting corn in United States, 07042
futures, commitments of traders, 01790
growing problems, USSR study, 11570
growth potential of corn production in Western Europe through 1975 and 1980, 01085
irrigated with 2,4-D or silvex-treated water, responses and residues, 05955
Corn earworm, *see* Bollworms.
Corn meal, *see* Meal.
Cornea:
corneal disease, 01435
Cornersville, Tenn.:
railroad accident investigation summary report, 08198
Corophiidae:
revision of corophiidae and related families (Amphipoda), 00631
Corporation for Public Broadcasting, *see* Public Broadcasting Corporation.
Corporations:
conversion of savings and loan associations from mutual to stock form–
hearings, 10757
corporations and Federal income tax, 07893
disclosure of corporate ownership–
hearings, 10770-1
printing of compilation, authorize, report, 09768
print as Senate document, report, 11419
subcommittee report, 06388
disclosure of corporate ownership, 09870
doing foreign banking or financing that maintain reserve accounts with Federal reserve banks, list, 10048
equal opportunity in housing, manual for corporate employers, 10963
how FHA Board views service corporations (address), 06611
income tax returns, foreign income and taxes, 04519
manufacturing, quarterly financial report, 02517
measurement of corporate profits, 07524
multinational corporation and world economy, 00213
multinational corporations and United States foreign policy–
hearings, 06384, 10769

Corporations—Con.
negotiations of giant corporations which affect national interest, investigation—
hearings, 00224, 06393
prohibit intervening in and influencing foreign political affairs—
report, 00988
taxability of insurance company dividends received by corporations—
hearings, 07486
law, 10575
report, 04070, 06343, 09774
see also Manufactures and manufacturers.
Correctional institutions, *see* Prisons and prisoners.
Correctional rehabilitation, *see* Rehabilitation of criminals.
Corrections, *see* Prisons and prisoners.
Correlation (statistics):
correlational analysis of drug abuse in Air Force, 07139
tariff schedules of United States annotated, textile and apparel categories, cotton, wool, man-made fiber, 06456
Correspondence:
managing correspondence—
correspondence management, 08750
form and guide letters, 08751
Correspondence schools and courses:
careers for homebound, home study opportunities, 11216
correspondence courses offered by participating colleges and universities (PC&U) through United States Armed Forces Institute, 05199
Corrosion and anticorrosives:
corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
corrosion control for aircraft, 00357
corrosion of oxygen-doped tantalum by lithum, 08042
rustproofing of automotive vehicles, 09315
stray direct current effects at various current densities on corrosion of steel, 11209
Corrugated boxes, *see* Boxes.
Corrugating:
effects of flanges on pressure distribution on flat plate and on corrugated surface, 08719
parametric study of cut-off corrugated surface properties, 03586
structural design procedure for corrugated plastic drainage tubing, 04793, 05953
Corrugations, *see* Corrugating.
Cortex:
air saturation diving with rats, effects on EEG and visually evoked cortical response, 07958
cortical evoked potentials to subliminal emotional words, USSR study, 11566
method for recording and analyzing EEGs and VERs from rats under hyperbaric conditions, 06824
Cosmetics:
commercial import detentions, monthly report, 01788
FDA information materials for food and cosmetic industries, 08580, 10064
Federal food, drug, and cosmetic act, legislative history, 10704
Cosmic dust:
Martian thermal boundary layers, subhourly variations induced by radiative-conductive heat transfer within dust-laden atmosphere-ground system, 03587
see also Micrometeoroids.
Cosmic rays:
cosmic gamma-radiation astronomy, USSR study, 01327
cosmic radiation bursts observed by Kosmos-461 artifical earth satellite, USSR study, 08650
meteorological effects of cosmic rays, 03621
Cosmonautics, *see* Astronautics.
Cosmonauts:
cosmonaut training center and Zvezdnyy Gorodok described, USSR study, 05542
Cost:
additional cost of providing mobility for elderly and handicapped on Washington metropolitan rail rapid transit system, 11271
administrative expenses of welfare and pension plans, 09437
boost-glide transport technology planning, direct operating cost, 09480
capital and operating of pollution control equipment modules, data manual, 01189
capital and operating costs of pollution control equipment modules, user guide, 01188
comparative costs of erosion and sediment control, construction activities, 08266
cost analysis and rate setting manual for animal resource facilities, 08778
cost and returns—
migratory sheep ranches, Utah, Nev., 03307
Northwest cattle ranches, 03308
cost controls in acute care hospitals, planning and executing capital projects, 10799
cost of clean air, annual report, 05095
cost-price, useful way to evaluate timber growing alternatives, 06663
cotton gin operating costs in San Joaquin Valley, 06473
cotton gin operating costs in Midsouth, 00013
economic comparison of point-source controls and emission density zoning for air quality management, 08541
engineering and cost study, emissions control in grain and feed industry, 07133
estimated, to produce copper at Kennicott, Alaska, 01372
estimates for MHD high performance demonstration experiment, 06117
evaluation of alternative air quality control strategies, 07777
hospital cost controls, phase 4 for health industry—
hearings, 05074
impact of cost-sharing on use of ambulatory services under medicare, 03738
improved design to reduce costs, extend life expectancy and insure structural safety in highway transportation, 00364
local air carriers' unit costs, 00073
low-cost, air mass 2 solar simulator, 09496
METRO's costs and construction progress, transit authority's system of reporting on its status needs to be improved, GAO report, 10938
prices, costs and margins of Florida oranges, 08535
productivity and unit labor costs in 12 industrial countries, 05557
real estate settlement costs in federally related transactions, regulate—
hearings, 08387
relative cost of shipbuilding, in various coastal districts of U.S., annual report to Congress, 03554

Cost–Con.
residual value, utilization cost analysis, 04701
whey-soy-drink mix for human consumption, 11296
Cost accounting, *see* Accounts and accounting.
Cost and standard of living:
cost of living, results of inflation, etc.–
hearings, 05003
Department of State indexes of living costs abroad and living quarters allowances, 02692
Cost effectiveness:
conceptual design for cost evaluation of alternative educational system in managing Air Force ROTC, 04800
helicopter transmission modularization, reliability/maintenance/cost effectiveness analysis, 07195
integrated approach to construction management processes within dynamic system, 06491
particulate emissions from alfalfa dehydrating plants, control costs and effectiveness, 06563
Cost of living, *see* Cost and standard of living.
Cost of living allowances:
Armed Forces, increase for certain retired officers, provide–
law, 08342
report, 03233
civil service retirement annuities, liberalize eligibility–
law, 04986
Department of State indexes of living costs abroad and living quarters allowances, 02692
Cost of Living Council:
congressional oversight–
hearings, 04231, 09940
executive compensation rules under phase 3 program–
hearings, 00848
procedures concerning petroleum price increases–
hearings, 08394
Costa Rica:
country demographic profile, Spanish edition, 08316
geology of Istaru quadrangle, 03407
Cotton:
breeding quality at Pee Dee Experiment Station, Florence, S.C., 08273
broadwoven goods, current industrial reports, 01847
census of agriculture, special reports, 02863
certain cotton, cotton waste, and cotton products, Tariff Commission report, 10458
cotton and other fibers in selected clothing items, men's attitudes toward, 03856
cotton cloth and yarn values, cotton prices and mill margins, etc., mill margin report, 00711
cotton insect research and control, annual conference report, 11292
cotton insect scout, how he can help you, 03328
cotton quality, supply, disapearance, carryover, 04773
cotton situation, 01825
effect of physical soil properties on cotton emergence, 04796
fiber and processing test results, summary, 01821, 11289
foreign agriculture circulars, 02039
futures, commitments of traders, 01789
futures trading and open contracts, 02055
general farm program, cotton provisions–
hearings, 05048
imports of manufactures, foreign trade reports, 02693
interfiber competition, trends and projections to 1980, 05957
large cotton, feed grain, and wheat farms, number and importance, 03310
long staple cotton review, 02258
manmade fiber staple, and linters, 00767, 01846, 04918
medium staple cotton, statistical relationships of fiber properties to yarn properties and to spinning efficiency, 09662
mill margins report, 02299
modeling of cotton insect populations, 05923
monthly cotton linters review, 02314
paper, cotton, and polyethylene-film bags for packaging cornmeal, evaluation, 00012
prices, spot quotations, 02608
price statistics, 01824, 02798
producer-based cotton marketing system, 07121
production, Soviet Union, 01236
quality, 1972 crop, 03835
quality report for ginnings, 02716
quality, supply, disappearance, carry-over crop, 00003
regional cotton mechanization research projects, references, 02807
tables depicting United States foreign trade, 10398
tariff schedules of United States annotated, correlation textile and apparel categories, 06456
textiles, trade agreement with–
China, Republic, 01567
Egypt, 07059
El Salvador, 03777
Haiti, 07061
Jamaica, 07055
Japan, 05851
Pakistan, 05834
Philippines, 07054
Portugal, for trade with Macao, 05835
varieties planted in early producing sections of Texas, 10490
verticillium wilt, National Cotton Pathology Research Laboratory, work conference proceedings, 05920
weekly cotton market review, 02757
Cotton cloth, *see* Cotton.
Cotton gins and ginning:
cotton gin operating costs in Midsouth, 00013
cotton gin operating costs in San Joaquin Valley, 06473
cotton ginnings by counties, 01822
cotton ginnings by States, 01823
quality report for ginnings, 02716
Cotton goods, *see* Cotton.
Cotton mills:
mill margins report, 00711
Cottonseed oil:
futures, trading and open contracts, 02056
Cottonwood:
applicator for granular systemic insecticides in cottonwood nurseries and plantations, 05396
extended planting seasons for sycamore and cottonwood, 00411
Mississippi cottonwoods outperform local clones near Cairo, Ill., 05395
summer fallowing improves survival and growth of cottonwood on old fields, 00400

Cottonwood—Con.
water table depth and growth of young cotton wood, 06659
Cottonwood Creek:
flood plain information, Madera, Calif., 01116
floods, Madera, Calif., 01136
Cough:
do I have chronic cough?, 05666
Council for Economic Mutual Assistance:
cooperation with CEMA countries, USSR study, 11568
Council of Consumer Advisers:
establish in Office of President—
hearings, 04209
report, 09901
Council of Economic Advisers:
American economy report, 10603
Member, nomination of William John Fellner—
hearings, 04192
Council on Environmental Quality:
appropriations, 1974, increase—
hearings, 09848
report, 06224
appropriations, 1975—
hearings, 09800
Chairman, nomination of Russell W. Peterson—
hearings, 07528
Council on International Economic Policy:
annual report, 08817
hearings, 04087, 07398
appropriations, 1975—
report, 11387
membership change—
law, 02945
Council on Women's Educational Programs:
establish—
hearings, 07564
Counseling:
Army recuiting and career counseling journal, 02532
automatic data processing system and procedures computerized academic counseling system, 02828
equal employment opportunity counseling, 00076
test and evaluation of multi-media cadet career information and counseling center, 07147
Counselors:
counselors in public schools, 00295
Counterfeits, *see also* Money.
Counters:
larval fish counter, 11796
rotating and reciprocating, Federal item identification guide, 04301
see also Electronic Counters.
Counties:
and county equivalents of States, Federal general data standards representations and codes, 01418
census county divisions, past and future, 04938
county business patterns, CBP series, U.S. summary, 00058-9, 02869
hospitals, area data book, 04648
housing authorities, schedule of maturities for new bonds, 11555
local government employment in selected metropolitan areas and large counties, 04933
median family money income for 1969, by counties (map), 07288
number of Filipinos by counties, 1970 (map), 00781
per capita money income, 1969, by counties (map), 07289
percent change in Negro population by counties, 1960-70 (map), 07287
recipients of public assistance money payments and amounts of such payments, by program, State, and county, 11681
sixth payment, 2d quarter, entitlement period 4, list, Revenue Sharing Office, 07089
Countries, *see* Foreign countries.
County government, *see* Government.
Couplings:
Federal item identification guide, 07612
finite-size phased arrays of circular waveguide elements, 10259
graphical recoupling of angular moments, 03633
upper and lower atmosphere coupling by infrared radiation, USSR study, 04550
Courses of study, *see* Curriculum.
Court of Claims:
calendar, 01827
cases decided, 01060, 04263, 05861, 06410
judgments rendered, 09868
providing for distribution of funds appropriated in satisfaction of certain judgments, law, 02953
Court of Customs and Patent Appeals:
customs bulletin, weekly, 01852
customs cases adjudged, 06411, 11440
patent cases adjudged, 05194
rules, 05195
Treasury decisions, customs bulletin, bound volume, 11797
Court of Military Appeals:
annual report, 01062
Courtland, Kans.:
motor carrier accident investigation report, 03574
Courts:
courts, report, 00538
State and local court problems, federally supported attempts to solve, more needs to be done, GAO report, 10080
Courts martial and courts of inquiry:
Courts of Military Review and Court of Military Appeals, reports, holdings and decisions, 00253
desk book for special court-martial convening authorities, 05999
manual for courts martial annotation, 04855
Courts of inquiry, *see* Courts martial and courts of inquiry.
Courts of Military Review:
court-martial reports, holdings and decisions, 00253
Courts of United States:
appropriations, 1974—
report, 02967, 06229
appropriations, 1975—
hearings, 09810
request, amendment, 09746
environmental court system, Attorney General's report on feasibility of establishing, 05553
immunities of foreign States from their jurisdiction in judgements on their assets, etc.—
hearings, 00149
judiciary appropriations, 1974—
hearings, 00198
national survey of court organization, 05551
proposed rules of evidence for use in courts—
hearings, 00147
register, 02534

Courts of United States–Con.
third branch, bulletin of the Federal courts, 02649
uniform code of evidence for Federal courts, establish–
reports, 03094
see also Circuit Courts of Appeals-District Courts.
Coveralls:
Federal item identification guide, 04309
Covers:
and pads, individual equipment, Federal item identification guide, 03275
helicopter transmission housing applications, investigation of use of carbon composite materials, 06011
hospital, Federal item identification guide, 01067
miscellaneous covers, Federal item identification guide, 07620
Cowan, James R.:
nomination–
hearings, 08472
Cowdrey, Colo.:
biological survey of Pinkham Creek and North Platte River, 10870
Coweta County, Ga.:
special flood hazard information, 07710
Cowlitz County, Wash.:
Cowlitz area soil survey report, 11236
Cows:
it takes more than cows to put milk in the store, fuel for America's dairies, 10497
CPSU, *see* Communist Party, of Soviet Union.
CPUSA, *see* Communist Party of USA.
Crabs:
genus Cancellus (Crustacea: Diogenidae) with description of new species from Caribbean Sea, review, 01548
Cracking (fracturing):
crack closure in fatigue, study, 01394
fracturing oil shale with explosives for in situ oil recovery, 11065
sustained-load cracking of titanium, 08169
see also Fracture of metals.
Cracking of metals, *see* Fracture of metals.
Cracking process:
hydrocracking of crude shale oil over cobalt molybdate catalyst, some effects of pressure, 07999
Cranbar Corp.:
Ponce, P.R., rubber-soled footwear with fabric upper, Tariff Commission report, 10463
Cranes:
hunting seasons, limits, and shooting hour schedules in Alaska, Federal regulations, 04740
hunting, possession, transportation and importation, 1973-74, Federal regulations, 00656
Crashes, *see* Motor vehicle accidents.
Craters:
project Armor obstacle 2, 06529
Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
Crawfish:
synopsis of families and genera of crayfishes (Crustacea, Decapoda), 08836
Crawford County, Iowa:
soil survey report, 00646
Crawford County, Kans.:
soil survey report, 04738
Crayfish, *see* Crawfish.
Cream:
fluid milk and cream report, 02032
Credit:
annual credit report, Indian Affairs Bureau, 03435
business credit and assistance, code of Federal regulations, 09308
consumer home mortgage assistance–
hearings, 09057
credit crunch and reform of financial institutions–
hearings, 04088, 05055
credit subsidies of the future (remarks), 01224
export development credit fund–
hearings, 00210
Fair credit reporting act–
hearings, 05120
finance companies, monthly report, 02020
foreign credits of United States Government, 00706, 08873
lessons from credit restraint (remarks), 03367
mortgage credit analysis for mortgage insurance on 1-4 family properties, HUD handbook, 05453
mortgage credit analysis for project mortgage insurance handbook, 05454
mortgage credit analysis for project mortgage insurance, sec.207, 06720
National Commission on Consumer Finance report–
hearings, 04191
securities credit by persons other than banks, brokers, or dealers, regulations, 04416
truth in lending, amendments to act and amendments and interpretations of regulation Z, 10049
see also Agricultural credit–Banks and banking–Installment credit–Loans.
Credit cards:
credit-card and check-credit plans at commercial banks, 03362
Credit Fund, United States Export Development, *see* United States Export Development Credit Fund.
Credit unions:
credit unions and money crunch, 05659
Federal credit unions, accounting principles and standards, statement, 08767
State-chartered credit unions, 1972 annual report, 03656
statistics (periodical), 01828
Credits (school), *see* School credits.
Cree Indians:
Chippewa Cree Tribe of Rocky Boy's Reservation, mineral interests, hold in trust–
law, 10580
reading list, 00466
Creep of metals:
austenitic stainless steel creep deformation under complex stresses, 07206
creep behavior of tantalum alloy T-222 at 1365 to 1700 K, 11146
Crescent Lake National Wildlife Refuge:
addition to National Wilderness Preservation System, proposal, 06221
Cretaceous period:
new Cretaceous formations in western Wyoming thrust belt, 05421
Crews, *see* Flight crews–*also* Spaceship crews.
Crime and criminals:
anatomy of scam, case study of planned bankruptcy by organized crime, 08677, 09430
assist school districts reduce crime against children, employees, and facilities–
hearings, 04097
community anticrime assistance act–
hearings, 07431

Crime and criminals–Con.
community crime prevention, 04593
crime and delinquency abstracts (periodical), 01829
crime and delinquency, issues, 06955
crime and deliquency, research report, 06955
crime in Nation's 5 largest cities, 10153
crime scene search and physical evidence handbook, 09431
criminal redistribution systems and their economic impact on small business–
hearings, 00243
development of nationwide criminal data exchange system, need to determine cost and improve reporting, GAO report, 00424
discretionary grant programs, guide, under Omnibus crime control and safe streets act, 11577
economic impact of crime on business (remarks), 00290
effects of organized criminal activity on interstate and foreign commerce–
hearings, 09913
Federal crime insurance program, 03426, 09350-1, 10907
Federal offenders in District Courts, 1971, 04769
financial management for planning and action grants to combat crime, 08675
helicopter project, cooperative effort among 14 railroad police departments, 08256
Law Enforcement Assistance Administration projects to reduce crime, difficulties of assessing results, GAO report, 08603
Law Enforcement Assistance Administration, etc., library catalog–
authors, 04558
periodicals, 10161
titles, 05550, 10162
legislative history of Crime control act of 1973, index, 05546
Members of House convicted of crime, sense of Congress on actions which should be taken–
report, 00307, 04064
monograph series, issues, 06954
National Advisory Commission on Criminal Justice Standards and Goals process suggestions for prevention and reduction of crime (announcement), 09435
Omnibus crime control and safe streets act, amend–
discretionary grant program guide, 11577
hearings, 04128
organized crime in sports (racing)–
report, 04047
organized crime, securities, thefts and frauds, hearings, 07510-1
persons under supervision of Federal probation system, census, 07097
prosectution of adult felony defendants in Los Angeles County, policy perspective, 08679
publications, price list, 03718
reduce crime in Minnesota, administration of program, GAO report, 05413
routinizing evaluation, getting feedback on effectiveness of crime and delinquency programs, 06954
street crime, reduction through positive criminal justice, report, print additional copies, report, 04217
uniform crime reporting handbook, 05347
uniform crime reporting, quarterly release, 02710
victims of crime, provide compensations with grants to States–
hearings, 04127
voting rights to former criminal offenders in Federal elections–
see Criminal justice (administration).
Criminal jurisdiction, *see also* Crime and criminals.
Criminal justice (administration):
abstracts of grants, contracts and interagency agreement, 04551
corrections, National Advisory Commission on Criminal Justice Standards and Goals, views and recommendations, 01386
criminal justice monographs, 03533
criminal justice research, 00514-5, 04552-4
criminal justice statistics, 1973, sourcebook, 11023
criminal justice system, 04594
document retrieval index (DRI), 00516, 04555-6, 07938
drug abuse and criminal justice system, survey of new approaches in treatment and rehabilitation, 08533
research, 1974, National Institute of Law Enforcement and Criminal Justice, 08674
revolutionary activities directed toward administration of penal or correctional systems–
hearings, 04114-5, 09403
search and retrieval service pinpoints sources of criminal justice information, 04561
street crime, reduction through positive criminal justice, report, print additional copies–
report, 02972
Criminal law:
adult felony defendants, prosecution in Los Angeles County, policy perspective, 08679
Federal, reform–
hearings, 05157, 07547, 08502, 09944
investigation–
report, 03133
Criminal procedure:
Federal rules of criminal procedure, amend, proposal, 09754
rules, reform of Federal criminal laws–
hearings, 07547
see also Criminal justice (administration).
Criminal procedures:
investigation–
report, 03133
Criminology, *see* Crime and criminals.
Criterion Footwear, Inc.:
footwear for women and misses, Tariff Commission report, 05865
Critical materials, *see* Strategic materials.
Critical path analysis:
critical path planning in navy, USSR study, 06782
critical path processing system, operations handbook, 06728
Critical point:
flight monitor for jet engine disk cracks and use of critical length criterion of fracture mechanics, 06887
Crops:
crop production (periodical), 01830
crop production, prospective planting for 1974, 35 States, 07064
crop production, prospective plantings for 1974, 08240
nonconserving crop failures, discontinue payments act to farmers because of–
law, 06185

Crops–Con.
report, 03174
seed crops–
annual summary, 11254
field seed stock report, 02578
forecast, 02579
prices, 02580
sugar crops, potatoes, other specified crops, census of agriculture, special report, 04905
values, season average prices received by farmers and value of production, 08241
weather and crop bulletin (periodical), 02785
see also Seeds.
Cross flow, *see* Flow.
Cross sections:
MeV (million electric volts) total neutron cross sections, 11164
proton-nucleus interactions at high energies, 11202
see also Neutron capture cross sections.
Cross Timbers National Grasslands:
rename as Lyndon B. Johnson National Grasslands–
law, 10587
reports, 09889, 10663
Crossflow, *see* Flow.
Crown-of-thorns starfishes, *see* Starfishes.
CRREL, *see* Cold Regions Research and Engineering Laboratory.
Crude oil, *see* Petroleum.
Crude petroleum, *see* Petroleum.
Cruises:
cruise performance of isolated pressure ratio turbofan propulsion system simulator, 11656
Crustaceans:
northeastern United States, stomatopoda, 10327
see also Amphipods.
Cryogenic Data Center, Current Awareness Service:
publications, list, 01831
Cryogenics Division, National Bureau of Standards:
publications and services, 01421
Cryogenic Physics Section, National Bureau of Standards:
summary of activities, 1973, 08761
Cryogenics:
control of carbon dioxide cryodeposits, 03603
publications and reports of interest in cryogenics, list, 01831
radiation dosimetry at cryogenic temperatures using thermoluminescence, 04836
strain-cycling fatigue behavior of 10 structural metals in cryogenic temperature, 09506
Cryolite:
minerals yearbook chapter, 10191
Crystal structure:
epitaxial crystal growth of 6H silicon carbide in temperature range 1320°-1390°C, 08074
Crystal units:
quartz crystal unit, Federal item identification guide, 08523
Crystallization:
chromia doping on thermal stability, devitrification of silica fibers, effect, 08046
Crystals:
liquid-crystal structure of biological membranes, USSR study, 10999
CSC, *see* Civil Service Commission.
CSM (Corn, soybean, and milk products), *see* Cereals as food.
CSRS, *see* Cooperative State Research Service.
CSSL (Continuous system simulation languages), *see* Programming languages.
CTOL (conventional takeoff and landing), *see* Aircraft.
Cuba:
economic development, USSR study, 11568
EXPOCUBA, theory and practice of Communism–
hearings, 09085
U.S. policy toward Cuba–
hearings, 08486
Cubans:
Cuban refugees, foreign assistance appropriations, 1974–
hearings, 04084
elderly Cubans in exile, working paper, 09179
refugees, life begins anew, Cuban Refugee Program, 11763
refugees, new way to meet professional manpower need, 11764
CUE (correction-update-extension geographic base file), *see* Geography.
Culicoides, *see* Flies.
Culm:
gob pile stabilization, reclamation, and utilization, 00079
Culture:
cultural relations, agreement with Union of Soviet Socialist Republics, 00670
international educational and cultural exchange (periodical), 02172
international educational, cultural, and scientific exchange programs, directory of contacts, 08852
international information and cultural series, 05821
study of child growth and development and disease patterns in primitive cultures, 06962
world cultural and natural heritage, protection convention–
report, 00965
Culture media:
hemopoiesis in culture, 08762
Culverts:
culvert icing problems, laboratory study, application of electrical energy, 09982
improved inlets for culverts, hydraulic design, 09299
Cumulus clouds, *see* Clouds.
Currency, *see* Money.
Current meters:
vector averaging current meter, general information, 11186
vortex-shedding current meter, general information, 11185
Currents, *see* Electric currents-Ocean currents.
Curriculum:
abatement and pollution control training and educational programs presented by EPA, 04354
air pollution training courses, chronological schedule, 04355
analysis of Air Force Institute of Technology course 475, laboratory management of R&D, 02832
computers and careers, suggested curriculum, 04344
course outline on growing hashish traffic, national training institute, 04336
data processing technology, 2 year post high school curriculum, 04345
foreign, consultant program for American schools, colleges, and State departments of education, 00297

Curriculum—Con.
leadership specialist projects directory, precollege instructional improvement implementation program, 08156
science course materials for administrators and others interested in school curricula, conferences, 10338
Curvature (mathematics):
curvature-corrected Kirchoff formulation for radar sea-return from near vertical, 10205
spectral irradiance curve calculations for any type of solar eclipse, 11118
streamline curvature design procedure for subsonic and transonic ducts, 05621
triangulation of multistation camera data to locate curved line in space, 11131
Curves, *see* Curvature (mathematics).
Custom-houses, *see* Customs administration.
Customs, *see* Tariff.
Customs administration:
border facilities, increase authorization—hearings, 11403
Customs and Patent Appeals Court, *see* Court of Customs and Patent Appeals.
Customs Bureau:
reorganization plan 2 of 1973—law, 11351
Customs Convention on International Transit of Goods (ITI Convention):
ratification—report, 06321
Customs Court:
cases adjudged, Customs Court report, 06413
customs bulletin, weekly, 01852
Treasury decisions, customs bulletin, bound volume, 11797
Customs districts:
U.S. foreign trade, classification of customs districts and ports, 03953
Customs Service:
books, copyrights, and Customs, 05190
Cutlery:
and flatwear, Federal item identification guide, 03283
Cutting, *see* Reproduction.
Cutting tools:
tunneling machine research, development of experimental full-scale research rock cutting device, 05597
see also Tools.
Cuvette:
standard quartz cuvettes for high accuracy spectrophotometry, 06914
CW, *see* Radio waves.
Cyanide:
tentative analytical methods for cyanide in water, 11750
treating electroplaters cyanide waste by electrodialysis, 07739
Cybernetics:
all-Union scientific meeting on Radio Day, cybernetics, bionics, and engineering psychology, 01338
barometer of control for interrelationship between cybernetics and engineering psychology, USSR study, 06790
conflicting structures, 05528
cybernetics and psychology, USSR study, 11565
USSR and East Europe scientific abstracts, 02724
Cyclic intermediates, *see* Organic compounds.
Cycling:
and control of metals in environment, 01149
nitrogen sources and cycling in natural waters, 00325
strain-cycling fatigue behavior of 10 structural metals, 09506
see also Thermal cycling.
Cyclohexanone:
detection of cyclohexanone in atmosphere above emplaced antitank mines, 10811
Cyclone coal washer:
performance characteristics of coal-washing equipment, hydrocyclones, 11638
Cyclones:
extratropical cyclone with Nimbus 3 medium resolution infrared radiometer data, multispectral study, 06854
North Indian tropical cyclone—strike probabilities, 24-72 hour movement, 05725
South Indian tropical cyclone—strike probabilities, 24-72 hour movement, 05726
vector mean charts, 05727
Southwest Pacific and Australian area tropical cyclone vector mean charts, 07007
Cyclopoidae, *see* Copepods.
Cylinders:
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
army helicopter hydraulic servocylinder reliability and maintainability investigation, 00039
computer programs for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
drag characteristics of circular cylinders in laminar boundary layer at supersonic free-stream velocities, 06871
measuring thermal properties of cylindrical specimens by use of sinusoidal temperature waves, 05298
Cylindrical shells, *see* Shells (structural).
Czechoslovakia:
consular convention, 06319
economic trends and their implications for United States, 09375
summary of 5th, 5-year plan 1971-75, 07641

D

D-region, *see* Ionosphere.
D'Elia, Rosa I.:
relief, 00878, 02915, 04160
Dade County, Fla.:
aircraft accident report, 09570
hydrologic conditions during 1971 in Dade County, Fla., 01257
pollution from major municipal waste sources in Dade County, Fla., 11490
preliminary evaluation of infiltration from Miami Canal to well fields, in Miami Springs-Hialeah area, Dade County, Fla., 01262
South, resource and land information, 00471
Dahomey:
Dahomey-Niger, boundary, study, 03769
economic trends and their implications for United States, 07901
Dairy cattle, *see* Cattle.
Dairy farms, *see* Dairying.
Dairy herd improvement associations:
national cooperative program, 01859

564-800 O - 75 - 11

Dairy herd improvement associations–Con.
USDA-DHIA sire summary list, May 1973, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and mixed breed sires, 03838
Dairy industry, *see* Dairying.
Dairy products:
Federal and State standards, 11294
fresh, procurement quality assurance handbook, 03294
production, etc., monthly statistics, 01861
Dairying:
census of agriculture, special reports, 07255
dairy herd improvement letter, national cooperative improvement program, 01859
dairy plants surveyed and approved for USDA grading service, list, 01860
dairy situation (periodical) 01862
foreign agriculture circulars, 02039
fuel for America's dairies, it takes more than cows to put milk in the store, 10497
general farm program dairy provisions–
hearings, 05046
Daly, Edmond T.:
nomination–
hearings, 04195
Damage control:
aircraft metal structures damage containment by reinforcement with filamentary composites, 08017
Damages:
adequacy of consumer redress mechanisms–
hearings, 07478
international compensation fund for oil pollution damage–
hearings, 04202
oyster bed damage due to Federal action, settle claims–
hearings, 05182
victims of crime, provide compensation with grants to States–
hearings, 04127
Damping:
damping contribution of elastomeric ablator on aluminum beams, 10215
stall-flutter spring-damper pushrod in rotating control system of CH-54B helicopter evaluation, 06019
Damping of vibration, *see* Vibration.
Dams:
explosively constructed dams, 08306
lock and dam 26, Mississippi River, Mo. and Ill. hydraulic model investigation, 05312
riprap slope protection for earth dams, review of practices and procedures, 00620
Dangerous articles, *see* Hazardous substances.
Daniels County, Mont.:
conservation needs inventory for land resource planning, 03741
Data acquisition:
data base development for direct analysis of airmen loss rates, 09670
data uses in private sector, proceedings of executive seminar, 09710
management of data elements in information processing, 10264
national high blood pressure education program, data base for effective antihypertensive therapy, 06937
processing and theoretical analysis of oceanographic observations, USSR study, 03523
radiation chemistry of nitrous oxide gas, primary processes, elementary reactions and yields, 06905
specifications for integrated water quality data acquisition system, 10350
Data compression:
impact testing of materials using 8-inch air gun and computer reduction of data, 09696
Data processing, *see* Electronic data processing systems–Information storage and retrieval systems.
Data processing equipment, *see* Electronic data processing systems.
Data processing technicians:
technical assistant–
examination announcement, 00077
Data retrieval, *see* Information storage and retrieval systems.
Data transmission system:
scientific and technical conference on problems, USSR, 08641
Daughters of American Revolution, National Society, *see* National Society of Daughters of American Revolution.
Davenport, Iowa:
aircraft accident report, 05718
motor carrier accident investigation report, 01384
Day care of children:
abstracts of state day care licensing requirements, 00788
caring for children series, 02889, 07299-302
children on campus, survey of pre-kindergarten programs at higher education institutions, 03828
day care centers, 00788
day care, everybody's problem, volunteer to help in your community, 00790
day care's effect on labor force participation of low-income mothers, 00291
food buying guide for child care centers, 10930
projects, continue–
hearings, 10692
Daylight saving:
utilization of Eastern Daylight saving time to determine hours of flow, treaty with, Canada, 05828
year around basis–
background material for hearings, 09087
hearings, 05072, 07479
law, 04994
report, 03087, 03098, 06253
Dayton, Ohio:
impact of Federal policies on employment, poverty, and other programs–
hearings, 06399
DDT:
identification of DDT and dieldrin in rivers, report of National Water Quality Network, 09589
use to control and protect against insect infestation on forest and other agricultural lands–
hearings, 06261
De Saint Andre, Lucille, *see* Saint Andre, Lucille de.
De-icing, *see* Ice.
DEA, *see* Drug Enforcement Administration.
Deaf:
hiring persons with hearing impairments, 05758
Deaf, Convention of American Instructors of, *see* Convention of American Instructors of Deaf.
Dealers:
federal paperwork burden, small securities broker-dealers requirements–
hearings, 01053

Dealers–Con.
Federal recordkeeping requirements for microwave oven dealers and distributors, 05386
seed and planting stock dealers that sell more common forest and shelterbelt seeds and plants, directory, 05410
Death:
coal-mine fatalities, mineral industry survey, monthly, 01769
fatal accident rates on Federal-aid other highway systems, 09298
infant mortality study from linked records by age of mother, total-birth order and other variables, United States, 1960 live-birth cohort, 01430
injuries and economic losses resulting from accidental burning of products, fabrics, or related materials, studies, 10961
morbidity and mortality weekly reports, 02327
mortality trends, age, color, and sex, 06932
mortality, vital statistics, 03653
sudden infant death syndrome–
Federal assistance for information education programs, report, 09032
hearings, 07653, 08409
research activities, provide, report, 06349
research planning workshops, cardiorespiratory phenomena, 09535
research planning workshops, developmental aspects of infection and immunity, 11684
research planning workshops, neurophysiological factors, 06950
teenagers, marriages, divorces, parenthood, and mortality, 00566
underwater fatality statistics, United States, 1972, 08784
U.S. cancer mortality by county, 1950-69, 11169
Death Valley National Monument:
general information, 11695
Scotty's Castle area, development concept, 05706
Debits, *see* Banks and banking.
Debris:
advanced capacitative oil debris monitor, 07183
safe debris burning, 06676
Debt:
delinquent international debts owed to United States, mid-1973 progress review–
hearings, 04103
delinquent international debts owed to United States, selected countries–
hearings, 00931
foreign indebtedness to United States–
briefing materials, 01027
hearings, 05130
name or symbol of Federal Government in collection of debts, prohibit misuse–
law, 04007
report, 03195
tax information on deduction for bad debts, 06742
see also Agricultural crdit–Public debt.
Decatur, Ill.:
railroad employee accident investigation report, 11225
Decay (physics):
decay of far flow field in trailing vortices, 08075
Decay (radiative):
trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
Decay (timber):
wood decay in houses, how to prevent and control it, 07115
Deceleration:
simulation of decelerating landing approaches on externally blown flap STOL transport airplane, 11122
Decentralization in Government:
new Federalism, county government is where it's at (address), 03858
Decimal classification, *see* Classification.
Decision programming, *see* Programming (mathematics).
Decision-making:
contracted resolution theory to theorem proving by computer, 05728
decision-makers guide in solid waste management, 10825
regional decision making, new strategies for substate districts, 05912
risk, conflict and uncertainty in decision making and in its simulation, USSR study, 08666
Decisions:
concept, algorithm, decision, USSR study, 00496
court decisions relating to National labor relations act, 10304
Decoders:
synthesis of new class for cyclic codes, USSR study, 11019
Decomposition:
catalytic decomposition of fire extinguishant bromochlorodifluoromethane, 08171
decomposition-aggregation stability analysis of Skylab control system, 04600
hierarchial decomposition-multilevel analysis approach to programs, comprehensive resource and environmental management planning, 07016
hydrogen sulfide in electrical discharge, 03563
stability region maximization by decomposition-aggregation method, 11092
Decompression:
compression-decompression schedule for producing dysbaric stress in mature rats, 06825
mineral and electrolyte responses following severe decompression stress, 03557
severe decompression stress, hematologic responses, 04579
Decontamination:
radioactive wastes, USSR study, 09397
Decoupling:
fixed-base simulation study of decoupled controls during approach and landing of STOL transport aircraft, 08053
in linear time-varying multivariable systems, 05629
steady-state decoupling of elements of longitudinal mode of airplane, computer program for solving gains required, 11655
Deductions, *see* Income tax.
Dee-Vee Footwear, Inc.:
Bridgeport, Conn., footwear for women, Tariff Commission report, 10460
Deep Sea Drilling Project:
cruises of drilling vessel Glomar Challenger–
Colombo, Ceylon to Djibouti, F.T.A.I., 11192

Deep Sea Drilling Project–Con.
Darwin, Australia to Colombo, Ceylon, 08155
Port Louis, Mauritius to Durban, South Africa, 11193
San Juan, Puerto Rico to Cristobal, Panama, 08154
Suva, Fiji to Darwin, Australia, 03679
Yokohama, Japan to Suva, Fiji, 06993
objectives and accomplishments, 06991
Deer:
foods of Rocky Mountain mule deer, 04446
Defects:
critical defects in ablative heat shield systems as reusable surface insulation for space shuttle, 08024
Defense, *see* Civilian defense–National defense.
Defense Civil Preparedness Agency:
annual report, 10800
appropriations, 1975–
hearings, 10685
FG series, 09246
handbook H series, 09247
information bulletin, 02157
miscellaneous publication MP series, 06414, 09248
staff college catalog of courses, 09248
survival, newsletter, 02639
technical report TR series, 01061
Defense Contract Administration Services regions:
procurement quality assurance support manual, 03261
Defense contracts, *see* Government contracts.
Defense Department:
air-conditioning requirement for military family housing in Hawaii is unnecessary, GAO report, 10077
annual report, 07637
appropriations, 1973–
law, 06193
appropriations, 1974–
hearings, 00119, 00917-9, 03100-1, 05050, 05110-1, 06362-3
report, 00910, 03035, 03096, 09030, 09139
request, 02963
appropriations, 1974, military construction–
hearings, 00120, 01013, 04085
law, 04992, 08339
report, 03079, 04057, 04065-6, 04169, 06247, 10606
appropriations, 1974, military procurement–
hearings, 00199-200
report, 03150, 04174
supplemental, hearings, 07467
appropriations, 1974, supplemental–
hearings, 08383
report, 09777, 10639
appropriations, 1975–
hearings, 09802, 11391
appropriations, 1975, military procurement–
hearings, 08471, 09055, 09189, 10687, 10751
report, 09174
Assistant Secretaries, nomination of James R. Cowan, Leonard Sullivan, jr.–
hearings, 08472
Assistant Secretary for Legislative Affairs, nomination of John O. Marsh, jr., hearings, 06368
Assistant Secretary for Public Affairs, nomination of Jerry W. Friedheim, hearings, 06368
audit of payments from special bank account to Lockheed Aircraft Corporation, for C-5A aircraft program quarterly, GAO report, 02543, 10074
cataloging handbook H series, 02004-5, 02007, 02009, 03255, 05197, 06415, 07588
cataloging manual M (series), 00252, 05198, 07589-91, 08519
civilian reuse of installations, planning guide for communities, 07649
commanders digest (periodical) 01782
indexes, 07592
cost growth in major weapon systems, GAO report, 00422
Defense cataloging and standardization act of 1952, report to Congress, 00921, 09051
Defense integrated data system (DIDS), procedures manual, 03256-9, 04270-2, 05201-2, 06416-7, 08520
defense management journal, 01868
DOD reviews on discharges given service members because of drug involvement, improving outreach and effectiveness, GAO report, 06686
drugs in Federal Government, how to improve procurement and supply, GAO report, 06682
education of dependents overseas, report, 09062
energy resources and requirements–
hearings, 09056
problems, 08384
Falls Church, Va. facility, lease renewal–
hearings, 07571
financial status of selected major weapon systems, acquisition, GAO report, 01246
foreign assistance appropriations, 1974–
hearings, 04084
General Counsel, nomination of Martin R. Hoffmann, hearings, 10755
handbook DSAH series, 01063, 05203, 07593
handbook H series, 02381-2, 09975
High School News Service report (periodical), 02087
how to buy surplus personal property from Department of Defense, 05261
how to obtain consideration for architect-engineer contracts, 04324
improving DOD's ammunition logistics by effective central control, GAO report, 06679
joint travel regulations, civilian personnel, 06451
machinery leasing practices, prohibit–
hearings, 00166
machinery leasing practices–
report, 04050
manual DSAM series, 00254, 03260-1, 05204, 06418-9, 07594
microbiological requirements and methodology for food in military and Federal specifications, 04853
procurement from small and other business firms, 11447-8
procurement quality assurance for fresh dairy products, 03294
procurement, small business and labor surplus area specialists designated to assist businessman, 05264
provisioning screening manual, 01064
quality and reliability assurance handbook, 03294
selling to military, general information, 04327
specifications and standards index, 03293–
supplements, 01871
standardization documents, supply classification listing, 00275, 02006
telephone directory, 01872

Defense Department–Con.
travel regulations, civilian personnel, 02192
U.S. assistance to Khmer Republic (Cambodia), GAO report, 01249
ways for Department of Defense to reduce its administrative costs of awarding negotiated contracts, GAO report, 05414
weapons, review of testing and evaluation policies and procedures, GAO report, 10937
Defense Documentation Center:
annual historical summary, 11441
Defense facilities, *see* Plants (industrial).
Defense information, *see* Military information.
Defense integrated data system (DIDS), *see* Information storage and retrieval systems.
Defense Production Joint Committee:
annual report, 09884-5
Defense Supply Agency:
annual report, 11442
DSA civilian personnel management, statistical indicators report, 11443
handbook DSAH series, 01063, 05203, 07593
introduction to Defense Supply Agency, 06450
manual DSAM series 00254, 03260-1, 05204, 06418-9, 07594
Deflection:
RPM pipe deflection on Yuma project field test, analysis, 04724
structural deflections, literature and state of art survey, 03628
Deflectors:
chute offsets, air slots, and deflectors for high-velocity jets, hydraulic model studies, 03724
Defoliation:
effect of defoliation on carbohydrate content of yellow-poplar seedlings, 06653
Deformations (mechanics):
austenitic stainless steel creep deformation under complex stresses, 07206
deformation of fuel subassemblies hexagonal wrappers due to stainless steel swelling, 07205
directional transformation in steel, texture behavior and martensite morphology, 06490
see also Strains and stresses.
Deformities:
congenital malformations surveillance, Center for Disease Control, 01795
Degasification:
virgin Pittsburgh coalbed degasification through large borehole, 01380
Degradation:
microbial degradation of petroleum in Continental Shelf sediments, 05303
Degrees (colleges and universities, etc.):
advanced studies enrolled, fall 1971, 09264
higher education, associate degrees and other formal awards below baccalaureate, 00294
Dehumidificatk :
portable dehumidifiers, 09314
Dehydrated foods, *see* Dried foods.
Dehydration:
optimum requirement for dehydration and rehydration of certain freeze-dried fruits and vegetables, 04850
particulate emissions from alfalfa dehydrating plants, control costs and effectiveness, 06563
Dehydrators, *see* Dryers (industrial).
Del Norte County, Calif.:
preurbanization reconnaissance study of Lake Earl, 07859
Delaware:
census portrait, 08911
climatological data, 01738
counties and metropolitan areas, population estimates, 07277
local rail service zone, Secretary of Transportation report, 04755
mineral industry, minerals yearbook chapter, 05595
outdoor recreation potentials, summary of, County appraisals, 08218
precipitation data, hourly, 02109
registry of minority contractors and housing professionals, listing in selected cities, 00452
Delaware Indians:
reading list, 00467
Delaware River and Valley:
Chesapeake and Delaware Canal enlargement, hydraulic and mathematical model investigation, 05313
Delaware River Basin:
public works appropriations, 1974–waiving points of order, report, 02969
Delaware River Basin Commission:
public works appropriations, 1975–hearings, 10683
Delegates, *see* House of Representatives.
Delinquency, *see* Juvenile delinquency.
Delinquent children, *see* Juvenile delinquency.
Delmarva Peninsula:
three-State Delmarva district works to create jobs, preserve culture, 10805
water resources, 03412
Delmarva Power & Light Co.:
fiche index for nuclear dockets, 07231
Delta Airlines, Inc.:
aircraft accident report, 00597
Delta Queen (steamboat):
exemption from certain laws, extend–hearings, 07471
law, 00112
Delta wings, *see* Wings (aircraft).
Demand, *see* Supply and demand.
Democracy:
District of Columbia self-government and governmental reorganization act–law, 06165
report, 00914
Demography:
country demographic profiles, 02870, 06080, 08316
estimates of coverage of population by sex, race, and age, 07258
using 1970 census socioeconomic data, estimating mental health needs, model, 10296
Demolition, *see* Wrecking.
Demonstrations:
prevention and control of collective violence, 00515, 04552-4
Denitrification, *see* Nitrification and denitrification.
Denmark:
economic trends and their implications for United States, 08639, 10139
extradition agreement, 06317
extradition treaty, 08447
Density:
computed lateral power spectral density response of airplanes to random atmospheric turbulence, 09501
effect of flight density and background noise on V/STOL acceptability, 08018
low density foams for vacuum insulation, 08301

Density – Con.
on relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
terrestrial surface power flux density limits for services using satellites, technical considerations in efficient use of spectrum, 03988
two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977
Density function, *see* Probabilities (mathematics).
Dental health, *see* Teeth.
Dental instruments and apparatus:
dental instruments, equipment and supplies, Federal item identification guide, 05242
X-ray equipment and supplies, Federal item identification guide, 01072
Dental schools:
District of Columbia, Federal financial assistance, extend –
hearings, 09823
Dental supplies:
Federal item identification guide, 01072, 05242
Dentistry:
dental services for American Indians and Alaska natives, 05468
medical and dental expenses, deduction, 04511
see also Orthodontics.
Dentists:
better use should be made of dentists in health centers, GAO report, 09337
dental public health, grants for residency programs, 10099
entering agreement to practice in shortage area to repay educational loans, 07872
DeNunzio, Ralph D.:
nomination –
hearings, 07469
Denver Federal Center:
proposed repair and improvement funds –
hearings, 08509
Denver, Colo.:
effects of May 5-6, 1973, storm in Greater Denver area, Colo., 05428
railroad employee accident investigation report, 11224
wastewater agencies user charges and industrial cost recovery, Denver SMSA, 10880
Deoxidizers:
regeneration of chromated aluminum oxidizers, 10840
Department stores, *see* Stores.
Dependent children, *see* Children.
Dependents:
child care, disabled dependent care, income tax deduction, 04509
information for dependents traveling to overseas areas, 00742
your exemptions and exemptions for dependents, 04528
see also Armed Forces-Pensions.
Deportation:
suspension in certain cases by Attorney General –
report, 03140
Deposit insurance:
increase to $50,000 and provide full coverage for public units –
hearings, 06285
Deposition, *see* Sedimentation and deposition.
Depreciation:
tax information, 05481
Depressants, *see also* Hypnotics and sedatives.
Depression (psychology), *see also* Mental disorders.
Depth:
STD observations in northeast Pacific, Sept.-Oct. 1972, 00592
Depth charges, *see* Explosives.
Depth perception apparatus:
series 8100, temperature, salinity, and depth system, 08146
Deputy marshals, *see* Marshals.
Derby, Pa.:
railroad accident investigation summary report, 08197
Dermatitis, *see* Skin diseases.
Dermatology:
index of dermatology, monthly guide to literature in clinical dermatology, etc., 02149
Dermatomycoses, *see* Skin diseases.
DES, *see* Diethylstilbestrol.
Des Moines River:
floods on West Fork Des Moines River and Perkins Creek, Windom, Minn., 00311
Des Moines, Iowa:
area wage survey, 00521
collection and disposal of solid waste for metropolitan area, planning phase, 09291
community corrections, handbook, 04557
Desalination:
desalination plants, evaluation of accessory materials, final report, 03728
Design review, *see* Reliability (mechanical).
Designs (aircraft):
active arm external load stabilization system for cargo handling helicopters, design fabrication, and flight test, 07190
AH-1G helicopter design and operational flight loads study, 07182
design calculations for Halon 1301 distribution tube for aircraft cabin fire extinguisher, 09627
design and operational flight loads study –
CH-47A, 06015
CH-54A, 07181
OH-6A, 08291
design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
helicopter inspection design requirements, 02841
maneuverability effects on rotor/wing design characteristics, 07202, 10516
propeller design procedures and data, summary, aerodynamic design and installation, 07179
quasi-optimum design of six degree of freedom moving base simulator control system, 03584
streamline curvature design procedure for subsonic and transonic ducts, 05621
supplemental design guide, Army helicopter hydraulic system reliability and maintainability investigation, 07185
use of method of variation of similarity constants in designing aircraft over long term, USSR study, 07916
use of thick airfoil theory to design airfoil families with thickness and lift varied independently, 10246
Designs (architectural), *see* Architecture.
Designs (industrial):
advanced composite bonded joints, analysis and design, 08711
calculator, altitude ML-646 (XE-11)/UM, design considerations, 03905
computer aided design of mechanical systems, engineering design handbook, 00736

Designs (industrial)–Con.
computer programs, mechanical and structural design criteria, 05612
design and operating variables of NOx from coal-fired furnaces, 07747
design criteria for mechanical, electric, and fluid system and component reliability, 07094
design criteria for MHD high performance demonstration experiment, 06117
design parameters of avionics subsystems, predicting maintenance task difficulty and personnel requirements based on, 02823
design, operation, and maintenance of wastewater treatment facilities, Federal guidelines, supplement, 07094
economic accountability and planning of work in scientific research and design, USSR study, 10152
economy in design operations, USSR study, 11017
engineer design tests of modified dust-control materials and prototype equipment, 06531
expansive clays in highway design and construction, 06607-8
gas dynamic CO2 laser, 05511
geometric design criteria and traffic operational experience on high speed freeways and interchanges, 00365
highway safety design and operations, narrow bridges, driver dilemmas–hearings, 00161
hydrofluidic yaw SAS, stability augmentation system, analysis, design and development, 08296
liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, program user's manual, 08021
naval communications station design, naval shore electronic criteria, 08810
nuclear power plant, analysis, 06055
offshore oil terminal design considerations for U.S. waters, 08690
precast concrete modular housing system, evaluation of column connections, 09519
projectile loader for research gas gun, 05738
rapid iterative reanalysis for automated structural design, 03605
ship structural design, load criteria, 03736
spillway crest design, 07714
spiral bevel support bearings, tapered roller, 06013
underground mine layout, 09467
wave action and breakwater design of harbor, hydraulic model investigation, 00320
wire tensioning device, 02845
Desulfurization:
desulfurization characteristics of Iowa coal, 07998
flue gas desulfurization, answers to basic questions, 08285
full-scale desulfurization of stack gas by dry limestone injection, 06554-6
low BTU gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
removal of sulfur from coal by treatment with hydrogen effect of operating variables and raw material properties, 04960
Desulphurization, *see* Desulfurization.
Detainers:
law of detainers, 07940
Detection:
holographic and ultrasonic detection of bond flaws in aluminum panels reinforced with boron-epoxy, 11665
success-run equation for detection applications, 10361
wake vortex sensing, processing and display, 10456
Detectors:
adenosine triphosphate (ATP) as possible indicator of extraterrestrial biology, 11147
automatic gas detectors, USSR study, 07908
characteristics of capacitor-type micrometeoroid flux detectors when impacted with simulated micrometeoroids, 06867
circuit implementation of Spearman rho rank detector for scanning radars, 11704
laser centering detector, 02848
semiconductor detectors in medicine, 04882
Detergents:
detergents effect on sewage treatment, bibliography, 09587
phosphate-free heavy duty detergents, development, 10833
soaps and detergents for home laundering, 04780
Determinants:
susceptibility to anxiety and shift difficulty as determinants of state anxiety in air traffic controllers, 07250
Detonations:
quantitative understanding of explosive stimulus transfer, 04609
Detroit, Mich.:
crime in Nation's 5 largest cities, 10153
current housing market situation, 07877
discharges from combined sewers and storm sewers, tabulations from survey, 11749
proposed elimination of OEO and related legislation–hearings, 06289
Deuterons:
intermediate energy proton-deuteron elastic scattering, 06863
Development (economics), *see* Economic development-Underdeveloped areas.
Development assistance, *see* Foreign aid.
Development Association, International, *see* International Development Association.
Development Bank, Asian, *see* Asian Development Bank.
Development Bank, Inter-American, *see* Inter-American Development Bank.
Devices:
device for separation of bio-electrical signals during effect of high-frequency electric currents on organism, USSR study, 03492
electronic circuitry devices, Federal item identification guide, 09972
goggles and related protective devices, Federal item identification guide, 05240
not copyrightable, 07583
office devices and accessories, Federal item identification guide, 03286
radioisotope thermal converter for artificial heart device, evaluation of practicability, 06059
semiconductor materials, process control, and devices, methods of measurement, 03647
superconducting, quarterly literature survey, 02635
Devitrification, *see* Crystallization.
Devonian period:
Devonian carrier shells (Euomphalidae) from North American and Germany, 05436

Devonian period–Con.
ostracodes from Lower Devonian formations in Alaska and Yukon Territory, 04478
Dew point:
motion and morphology of dryline, 11183
Dewatering:
pilot plant studies on dewatering primary digested sludge, 01164
DHEW, *see* Health, Education, and Welfare Department.
DHIA, *see* Dairy herd improvement associations.
Diabetes:
diabetes and daily diet, hearing 09238
literature index (periodical), 01879
cumulative edition, 01452
National diabetes act–
hearings, 07421
National diabetes research and education act–
hearing, 04239
report, 10728
Diablo Canyon Nuclear Power Plant:
units 1 and 2, Pacific Gas and Electric Company, fiche index for nuclear dockets, 08303
Diagnosis:
determinations of radiation dose to active bone marrow from diagnostic X-ray examinations, 05767
length of stay by diagnosis, medicare, health insurance for the aged, 08842
machine diagnosis and information retrieval in medicine, 01321
sharing, centralization, and consolidation of health facility laboratories and related diagnostic services, annotated bibliography, 04488
Diagnostic tests. *see* Aptitude tests.
Diagrams:
graphical recoupling of angular momenta, 03633
DIALOG (executive program), *see* Computer programs/programming.
Dials:
and pointers, Federal item identification guide, 06422
Federal item identification guide, 00268
Dialysis:
treating electroplaters cyanide waste by electrodialysis, 07739
Diamonds:
diamond films obtained from gaseous phase under low pressures, USSR study, 06767
industrial diamond and small diamond dies, U.S. consumption and trade in 1972, 03297
Diaphragms:
metallic diaphragms for positive fuel expulsion in Atmosphere Explorer hydrazine propulsion subsystem, 08062
Diatomaceous earth:
diatomite, mineral industry survey, 05576
Diatomic molecules, *see* Molecules.
Dichloro-diphenyl-trichloro-ethane, *see* DDT.
Dichlorophenoxyacetic acid:
irrigation in sugarbeets, soybeans, and corn, responses and residues, 05955
Dickson, Linda J.:
relief, 11371, 11409
Dictionaries:
catalogs, L.C. subject headings used, supp., 02623
fixed format lexicon for nuclear medicine reports, 11758
space biology and medicine, 05514-5
Dieldrin:
identification of DDT and dieldrin in rivers, report of National Water Quality Network, 09589
Diego Garcia Island:
briefing on–
hearings, 08383
Dielectric antennas, *see* Antennas.
Dielectric properties:
high-temperature dielectric properties of candidate space-shuttle thermal-protection-system and antenna-window materials, 11129
Dielectrics:
high temperature dielectric material, evaluation, 07218
Diesel engines:
durability of advanced emission controls for heavy duty engines, 08545
odorous compounds in diesel engine exhaust, analysis, 00343
Diesel fuel, *see* Petroleum as fuel.
Diet:
artificial diets for mass rearing corn earworm (Heliothis zea), 02821
diabetes and daily diet, hearings, 09238
dietary intake and biochemical findings, health and nutrition examination survey, 09528
dietary levels of households in United States, 1965-66, seasons and year, 11295
fats in food and diet, 05933
helping low-income families improve diets, 11494
hyperlipopriteinemia, dietary management of–
endogenous hyperglyceridemia, 04658
hypercholesterolemia, 04656
hypercholesterolemia with endogenous hyperglyceridemia, 04657
hyperchylomicronemia, 04655
see Food.
Dietaries, *see* Food.
Dietetics, *see* Diet.
Diethylenetriamine, *see* Amines.
Diethylstilbestrol:
and other drugs used in food producing animals, regulation–
report, 06252
Differential analyzers:
differential analysis for turbulent boundary layer on compressor blade element, 10252
Differential equations, *see* Equations.
Diffraction:
edge diffracted caustic fields, 11089
Diffusers:
conically diffused flow with nearly separated boundary layer, 06889
effect of bleed on performance of annular swirl can combustor, 11108
plume temperature measurements of shallow, submerged model discharge diffusers with current, 10839
subsonic inlet diffuser geometries for engine nacelles, boundary-layer analysis, 08732
Diffusion:
control of carbon dioxide cryodeposits, 03603
diffusion behavior of hydrogen in alpha-iron at lower temperatures, 06895
evaluation of diffusion model for photochemical smog simulation, final report, 01155
gaseous diffusion plant, environmental effects of construction and operation, 07236
invariant coupled diffusion and chemistry model, development and preliminary application, 01390

Diffusion–Con.
Monte Carlo analysis of rarefied-gas diffusion including variance reduction using theory of Markov random walks, 05626
mutual diffusion in nickel-tungsten and palladium-tungsten systems, investigation, USSR study, 03508
solute diffusion in liquid metals, 03618
Digestive system:
prevalence of selected chronic digestive conditions, 04649
Digests, *see* Index digests.
Digital adaptive control systems, *see* Control systems.
Digital computer systems, *see* Electronic data processing systems.
Digital computers, *see* Electronic computers.
Digitizers:
digitizing, preparing and using library tapes of ship stress and environment data, 03735, 07027
DIME (Dual Independent Map Encoding), *see* Geography.
Dimensional analysis:
stereo antenna patterns from principal plane patterns, 05740
two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977
Diodes:
light emitting diode testing and analysis, 02851
thermionic performance of variable-gap cesium diminiode, 11098
X-band point-contact diodes susceptibility to microwave radiation, 04706
see also Avalanche diodes–Germanium diodes.
Diplomacy:
science, technology, and American diplomacy, 04102, 09073
U.S. diplomatic relations with Sweden–hearings, 05062
U.S. policy toward Panama, 1903-present, questions of recognition and diplomatic relations and instances of intervention, 11251
Diplomatic and consular service, *see* Government missions.
Diplomats:
diplomatic list, 01885
soldier statesman specialty, US Army, 11303
Diptera, *see* Flies.
Direct current, *see* Electric currents.
Direct lift controls:
effects of slot spoilers on aerodynamic characteristics of light twin-engine airplane, full-scale wind-tunnel investigation, 01406
Directories:
accredited postsecondary institutions and programs, 06477
air quality monitoring sites, 06540
airport directory, airman's information manual, 01194, 01633
American Indian students pursuing professional health careers, 10096
aviation medical examiners, 00756, 04902
CFF and RF cooperating institutions, 04390
community mental health centers, Sept. 1973, Federally funded, 09530
Congress of United States, 93d Cong., 2d sess., 06131
contacts for international educational, cultural and scientific exchange programs, 08852
domestic programs fact book, 01889
Economic Development Administration approved projects, 06469
education–
education association, 01088
higher education, 07664
environmental information systems directory, 01154
Federal item name directory for supply cataloging alphabetic index of names, 01967
Federal item name directory for supply cataloging numeric index of item name codes, 01968
Federal job information centers, 06113
food and agricultural export directory, 09328
general hospitals providing walk-in emergency mental health centers, 06956
Government periodicals and subscription publications, 02310
Head Start programs, full year, 00789
Indian and Eskimo individuals marketing native American arts and crafts, 00473
Indian and Eskimo organizations marketing native American arts and crafts, 00472
industry wage surveys and union wages and hours studies, 11585
information resources, Federal Government, 10168
international mail, 02175
JPRS ad hoc publications, 1973, directory and reference aid, 05533
leadership specialist project directory, 08156
local employment security offices, 09449
meat and poultry inspection program establishments and officials, 01887
medicare providers and suppliers of services under health insurance for the aged, 07031
mental health directory, 00578
military assistance program address directory, 00277-8, 04325-6, 06452, 07635-6
minority business resources, 07323
National Bureau of Standards staff on engineering standards committees, 01416
national organizations concerned with disaster preparedness research and discovery, 08623
Navy, prime contractors, 05748
packagings for transportation of radioactive materials, 06066
public affairs officers, Housing and Urban Development Department, 08624
public management organizations, 06796
Securities and Exchange Commission, companies filing annual reports, 10404
seed and planting stock dealers that sell more common forest and shelterbelt seeds and plants, 05410
Social Security Administration, service area directory, 05796
solid waste recycling project, 03326
standards laboratories, 03629
State agencies engaged in environmental control and monitoring, 06541
State, county and city government consumer offices, 01054
telephone–
Atomic Energy Commission, 03927, 06067
Defense Department, 01872
Environmental Protection Agency, 04385
Health, Education, and Welfare Department, 05439
House of Representatives, 09012
NASA headquarters, 02333

Directories—Con.
telephone—Con.
State Department, International Development Agency, Arms Control and Disarmament Agency, Overseas Private Investment Corporation, 07051—
Transportation Department, 01875
Treasury, 02686
Directors:
improved work directors for program instructions of fabricated wire assemblies, 07215
Disability insurance:
cash benefits for short-term sickness, 1972, 08209
foreign service retirement and disability system—
hearings, 07499
social security—
benefit statistics, monthly, 02307
rulings, 02598
see also Old-age, survivors, disability, and health insurance.
Disabled:
child care, disabled dependent care, income tax deduction, 04509
Developmental disabilities services and facilities construction act—
appropriations authorizations, extend, 00939
hearings, 00939
disabled Federal employees, need for faster way to pay compensation claims, GAO report, 06690
elderly and handicapped on Washington metropolitan rail rapid transit system, additional cost of providing mobility, 11271
families with disabled parents under AFDC, 07033
handicapped and elderly market for urban mass transit, 11281
social security disability applicant, 1968 statistics, 05797
social security disability applicant, 1969 statistics, 10421
see also Pensions—Rehabilitation of the disabled.
Disabled American Veterans:
report, 1973—
convention, 05022
Disadvantaged:
America's educationally neglected, progress report on compensatory education, 04595
entrepreneurs, equity funds, etc. to small business, 08830
mode for training, Oak Ridge, Tenn., 03551
Disadvantaged children, *see* Children.
Disarmament:
arms control & disarmament, bibliography (periodical), 01656
Arms control and disarmament act, amend—
hearings, 09207, 09828
report, 09770
arms control and disarmament—
current negotiations on arms limitations, 09680
Arms Limitation Standing Consultative Commission—
regulations, protocol with regulations with Union of Soviet Socialist Republics, 00656
international negotiations on Seabed arms control treaty, 03899
limitation of strategic offensive arms, basic principles of negotiations,—
agreement with Union of Soviet Socialist Republics, 00672
Soviet propaganda and strange case of Marshal Grechko, 09945
status, privileges and immunities of delegations to US-USSR Standing Consultative Commission on Arms Limitation, agreement with Switzerland, 03771
Disasters:
disaster planning, improving your community's emergency response, introduction, 06414
disaster preparedness, planning and operations, 05974
disaster relief act, amend—
law, 09734
report, 09897
disaster relief assistance—
appropriation, authorization, hearings, 05051, 06293, 06365
domestic emergency food assistance—
hearings, 06402
earthquake losses in Los Angeles, Calif., 06598
emergency medical services, questions & answers, 00572
emergency planning, industry/business seminars, 04267
Emergency security assistance act of 1973—
hearings, 05057
Federal disaster assistance program, eligibility handbook, 01289
Federal disaster assistance program, handbook for State and Federal officials, 05448
Federal disaster assistance programs, handbook for applicants, 08625, 10106
Federal disaster relief legislation to investigate adequacy and effectiveness—
hearings, 00240, 01051, 10790
Flood disaster protection act—
hearings, 08473
report, 04178
in time of emergency, citizen's handbook on disasters, 09247
Israel and Cambodia, emergency assistance, provide—
law, 06166
report, 05038, 09149
loan insurance for major for disaster victims, for outlying area properties, etc., 07885
national emergency readiness of Federal personnel management, manual, 01991
national emergency standby regulations and instructions, FPM supplement, 01994
national organizations concerned with disaster preparedness research and discovery, directory, 08623
natural, monitoring, warning dissemination and community preparedness—
hearings, 08470
preparedness and assistance act—
hearings, 08431
tax information disasters, casualty losses, and thefts, 05482
tobacco emergency allotment lease and transfer in Georgia and South Carolina—
law, 00097
what's your game plan for disaster? industry/business emergency planning course, enrollment information, 09246
workbook for determining your disaster loss, 03465
see also Relief work.
Disbursing officers:
Treasury Department regulations, 03806
DISC, *see* Domestic International Sales Corportation.

Discharge:
adverse action, law and regulations, FPM manual supplement, 01987
discharge and flow distribution, Columbia River estuary, 06699
dynamic model of stage-discharge relations affected by changing discharge, 10318
uniform hospital discharge data, 04492
venting characteristics of gaseous helium and nitrogen discharging into free stream, 10222
see also Separation (military).
Discharge coefficients, *see* Coefficients.
Discharges (electric), *see* Electric discharges.
Discipline:
is not a dirty word, 07643
Navy problems–
hearings, 05053
Disclosure in accounting:
disclosure of corporate ownership, 09870
Discrete functions:
discrete wall jets in quiescent air, 09482
Discrimination:
Federal laws prohibiting sex discrimination, guide, 08320
Discrimination in employment:
affirmative action and equal employment, guidebook for employers, 07786
Age discrimination in employment act, effect on labor standards act, 09946
Age discrimination in employment act, report covering activities under the act during 1972, 06484
discrimination complaints system, how it works, 04951
discrimination in employment act, report, 06485
equal employment opportunities–
for Spanish speaking people, hearings, 04948, 09946
in current drug enforcement agencies, hearings, 00000
statement on affirmative action, 07390
equal employment opportunity–
affirmative action planning for State and local governments, 04948
equal employment opportunity, Executive order 11246, as amended, 09349
equal employment opportunity act–
implications for public employment, 10553
equal employment opportunity counseling, 000760
equal opportunity in employment, personnel bibliography, 00800
equal opportunity in Federal employment, newsletter, 01922
Federal women's program, eight essential obligations, manager's guide, 03981
filing in-house equal employment plans, policy and planning, 06717
guidelines for agency internal evaluation of equal, employment opportunity programs, 07315
impediments to employment, reanalysis of household interview studies, 10409
improving age discrimination law, 00194
job discrimination, where to file your charge, 04389
NASA's equal employment opportunity program–
hearings, 07461
nondiscrimination in Federally-assisted programs, 10122
sex comparison of reasons for attrition of nonjourneyman FAA air traffic controllers, 09705
Discrimination in housing:
equal opportunities for Spanish-speaking people–
hearings, 09843
equal opportunity, manual for corporate employers, 10963
fair housing U.S.A., 01288, 10105
fair housing U.S.A., Spanish edition, 03433
nondiscrimination in Federally-assisted programs, 10122
title 8 field operations handbook, 10111
voluntary-area wide affirmative marketing agreements, 08635
your housing rights, don't get turned off or turned down, 04499
your housing rights, live where you want to live, 10980
Discrimination reaction:
speed of comprehending submarine fire control displays, 07959, 07961
Discs, *see* Disks.
Discussion, *see* Forums (discussion and debate).
Disease of plants:
declining, pines associated with bark beetle activity in Allen Parish, La., 05394
Diseases:
disease among airmen medically certified during 1965, prevalence and incidence, 07246
do I have chronic cough?, 05666
dust inhalation diseases, pneumoconioses, 05667
honey bee diseases, identification and control, 03850
hospital services for selected chronic disease patients, 07874
Melanesian Journal, disease patterns, expeditions to study in west and east New Guinea, Solomon Islands etc., 06962
nutrition and disease–
hearings, 09238
national nutrition policy study, 10788
prevalence of selected chronic digestive conditions, 04649
respiratory conditions, selected chronic, prevalence, 05651
study of child growth and development and disease patterns in primitive cultures, 06962
subjects' recent life changes and their near-future illness susceptibility, 06819
see also Contagion and contagious diseases–Diseases of animals–Diseases of plants–Hereditary diseases-Vectors (biological).
Diseases of animals:
animal health research–
hearings, 08378
animal morbidity report–
calendar year 1972, 04814
fiscal year 1972, 04815
monthly, 01645
epizootoiogical forecasts, some models, USSR study, 00498
foreign animal diseases report, 02040
Diseases of fish:
fish diseases leaflet FDL-(series), 03754-5
Diseases of plants:
forests, conditions in U.S., 05391
plant disease reporter, 02435
use of mathematical methods to predict epiphytotic disease, USSR study, 06789
see also Rusts (plant disease).

Diseases of poultry:
wiping out exotic Newcastle disease, 00019
Diseases of waterfowl:
duck plague in wild water fowl, 07041
Dishwashing:
make dishwashing easy, 03867
Dishwashing machines:
dishwashing systems in food service establishments, evaluation, 03855
Disinfection and disinfectants:
batch disinfection of treated wastewater with chlorine at less than 1°C, 04364
coliform bacteria growth and control disinfection in aerated stabilization basins, 07757
disinfectants and sanitizing agents, standards for claims, and protocols needed to substantiate acceptable claims for efficacy, 08544
EPA compendium of registered pesticides, 11717
lime disinfection of sewage bacteria at low temperature, 04368
Disinfestation:
of fruits and vegetables by gamma irradiation, dosimetry, tolerance, and shelf life extension, 02861
Disks:
bio-disc treatment process for summer camp application, evaluation, 04369
Disorientation:
alcohol and disorientation-related responses, 00047
Dispersion:
climatological dispersion model, user's guide, 09995
hydrologic and coastal environments, 06542
molecular attenuation and phase dispersion between 40 and 140-GHz for path models from different altitudes, 00806
properties of dispersion-strengthened chromium-thoria alloys produced by ball milling in hydrogen iodide, 09504
Display panels, *see* Display systems.
Display systems:
Apollo experience report, terminal display devices, 11149
display concepts for pilot monitoring and control of space shuttle approach and landing, simulator evaluation, 08032
GAIN (Graphic aid for investigating networks), interactive graphics interface for circuit analysis programs, 02858
large screen display in automated oceanic ATC, air traffic control, environment, evaluation, 11256
LASCOT, large screen color television system, 07226
operational evaluation of ARTS 2 radar alphanumeric display subsystem (RADS), 11258
simulation of high-resolution radar displays of city complexes, 02830
stereomatrix 3-D display system, 07225
see also Instrument panels.
Disposal of waste, *see* Waste disposal.
Dissertations (academic):
baker's dozen abstract of 13 doctoral dissertations under Manpower Administration research grants, 03550
Dissociation:
dissociating gases as coolants and working substances at atomic power plants, USSR study, 03495
Distance:
methods which predict supersonic flow fields from body geometry, distance, and Mach number, study, 06873
Distance computers:
computing horizontal distance of pilot balloons, 06123
Distance measuring equipment, *see* Distance computers.
Distillation:
distillate of Swan Hills (south field), Alberta, Canada, crude oil, compound type separation and characterization studies, 07993
Distilled spirits, *see* Liquors.
Distortion:
distorted speech, reception, 08901
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
screen-induced total-pressure distortion on axial-flow compressor stability, effect, 10225
Distribution (economics):
criminal redistribution systems and their economic impact on small business—
hearings, 00243
estimated nutritional value of foods for families in food distribution program, 08581, 09327
intersectorial production balance of USSR, economic-mathematical analysis of product distribution in economy, USSR study, 06788
maturity distribution of Euro-dollar deposits in foreign branches of U.S. banks, 02283
Distribution (statistics):
determining apparent temperature distributions from antenna temperature measurements, efficient technique, 03582
distribution and relative abundance of fishes in Newport River, N.C., 05701
distribution functions of air-scattered gamma rays above isotropic plane sources, 07222
estimating parameters of normal distribution and its application to armor penetration problem, use to maximum likelihood method under quantal responses, 05742
extension of Laplace transform to Schwartz distributions, 11156
two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977
Distribution centers:
food distribution centers, solid waste management, 08277
Distribution system, *see* Military supplies.
Distributive education:
State instructional materials, list, 01098
Distributors, *see* Markets and marketing.
District Courts:
District of Columbia grand jury June 5,1972, extend life—
law, 04993
District of Columbia, confer jurisdiction of certain civil actions brought by Senate Select Committee on Presidential Campaign Activities—
law, 08338
report, 03095
Federal offenders, 1971, 04769
improving juror utilization, guidelines, 03342
rules of criminal procedure with forms as amended, 09089

District of Columbia:
adoption of children, improve system—
law, 06195
appropriations, 1974—
law, 02935
report, 03147
appropriations, 1975—
hearings, 10680
airports, Federal aviation regulations, 01951
best bets for returning veterans in Washington, D.C. area, 01677
campaigns for election to public office, regulate—
hearings, 11399
charter act, enact—
report, 04058
construction authorized, 01800
Council, Members, nomination of Henry S. Robinson, W. Antoinette Ford, Marguerite C. Selden, 04195
current local civil service examinations covering metropolitan area, 01849
district court, confer jurisdiction of certain civil actions brought by Senate Select Committee on Presidential Campaign Activities—
law, 08338
report, 03095
election act, amend—
hearings, 06286
emissions from 1966-72 light-duty vehicles in Washington, D.C., study, 00024
government programs and activities—
hearings, 01025
grand jury of District Court of June 5,1972, extend life—
law, 04993
insurance companies, improve laws regulating—
report, 04069
laws, 1973 code, annotated, 00151
legislating for Nation's Capital, report on activities, 93d Congress, 1st session, 10766
local climatological data, Washington, D.C.—
Dulles International Airport, 02256
National Airport, 02256
local rail service zone, Secretary of Transportation report, 04755
mayor and city council, elect—
report, 04058
medical and dental manpower act, extend—
hearings, 09823
Minimum wage act, amend—
law, 10566
report, 04071
minimum wage, dual taxation of dividends, usury laws, and subsidy payments for adopted children—
hearings, 07486
National Capital parks, historic resource study, 01488
no-fault motor vehicle insurance—
hearings, 00127
Northwest Washington, Massachusetts Avenue architecture, 04420
pilot plant for water pollution control, 09286
pollution on interstate waters of Potomac River in Washington metropolitan area, 11751
Post Office Building—
proposed modernization and renovation, hearings, 08509
Potomac River estuary, history of water quality problems and solution, 10820
program and activities of government, authorize—
hearings, 04091
programs and activities previously included in annual appropriations, legislative authorization—
law, 04003
property acquisition for Capitol Grounds extension—
hearings, 08507
proposed elimination of apportionment requirement for appointments in departmental service, GAO review, 06691
publications on, price list, 03718
registry of minority contractors and housing professionals, listing in selected cities, 00452
rents, regulation and stabilization, authorize—
law, 04991
report, 00989
self-determination—
hearings, 00125-6
self-government and governmental reorganization act—
law, 06165
legislative history, committee print, 09922
report, 00914, 06249
self-government and governmental reorganization act, amend—
report, 09774
taxability of insurance company dividends received by corporations—
law, 10575
report, 04070, 06343, 09774
water from coastal plain aquifers in Washington, D.C., metropolitan area, 10943
see also Capital of United States.
District of Columbia Commission on Organization of Government:
report—
hearings, 00124-6
District of Columbia Committee, House:
calendar, 02210
hearings, 00124-7, 04091, 06286-7, 09823, 11399
investigations and studies—
authorization and expenses, report, 10646
report, 00914, 04069-71, 06230
District of Columbia Committee, Senate:
calendar, 02229
committee print, 09922, 10766
hearings, 01025, 04195-6, 07486
legislating for Nation's Capital, report on activities, 93d Congress, 1st session, 10766
report, 00989, 06343, 11421
Divers:
faceplate, official magazine for divers of U.S. Navy, 01930
handbook for divers, USSR study, 03515
Navy divers, visual characteristics, information derived from longitudinal health study, 11039
Dividends, *see* Corporations—Insurance companies.
Diving:
air saturation diving with rats, EEG and visually evoked cortical response, 07958
CO effects on acid-base balance in air saturation dives, 03556
shallow saturation diving, measures of evoked responses and EEGs, 07962
Divorce:
statistics, United States, 1867-1967, 09530
teenagers, marriages, divorces, parenthood, and mortality, 00566

Dixon, Robert G., jr.:
nomination–
hearings, 03249
DMI, *see* Manpower Intelligence Division.
Dobbin, Tilton H.:
nomination–
hearings, 01023
Doctors, *see* Physicians.
Documentation:
geographic base (DIME) files, revised record format, 08954
model documents for evaluation, approval, and inspection of manufactured buildings, text and appendixes, 06909
Documents Office, *see* Public Documents Department.
DoD, *see* Defense Department.
Dogs:
military working dog program, Air Force manual, 07154
Dogwood:
flowering, American wood, 04425
Dollars:
international outlook for the dollar (remarks), 01223
Par value modification act–
amend, law, 04000
par value modification, appropriations–
hearings, 04086
law, 04005
report, 03025, 03186
Dolly Novelty Shoe Co., Inc.:
Clifton, N.J., men's, women's, children's and infants' slippers, Tariff Commission report, 10462
Dolomite:
Lone Mountain, central Nevada, paleontology and stratigraphy, 04475
Dolphins:
functional anatomy of all vital systems of organs, USSR study, 08646
investigating generation of echolocation pulses, USSR study, 05544
physiology of sonar system in Black Sea dolphins, USSR study, 00512
whales and dolphins, USSR study, 08646-7
Domanski, Jozefa S.:
relief, 09000
Domestic and International Business Administration:
press releases, 02455
Domestic animals:
air shipment, problems–
hearings, 08397
Domestic commerce, *see* Commerce.
Domestic Commerce Bureau:
official texts, 01675
Domestic International Sales Corportation:
obtain tax deferral through DISC, 08527
Domestic relations courts:
juvenile and family courts, legal bibliography, 00709
Dominican Republic:
economic trends and their implications for United States, 03472
U.S. assistance–
hearings, 07402
Don Gustin Shoe Co., Inc.:
Paterson, N.J., women's footwear, Tariff Commission report, 03798
Donald C. Cook Nuclear Plant:
Indiana & Michigan Electric Company, fiche index for nuclear dockets, units 1 and 2, 09698
Doors:
radio remote control garage door openers, workers of Chicago, Ill., plant of Chamberlain Manufacturing Corp., Tariff Commission report, 11264
Dope (coating materials):
chromia doping on thermal stability of silica fibers, effect, 08046
corrosion of oxygen-doped tantalum by lithium, 08042
paints, dopes, varnishes, and related products, Federal item identification guide, 00269
Doppler coefficients, *see* Coefficients.
Doppler effects:
relativistic effects in Doppler tracking, 04707
Doppler radar:
laser Doppler velocimeter turbulence measurements in pipe flow, 08714
pole position based on Doppler satellite observations for 1972, 04705
remote measurement of underwater currents using acoustic Doppler techniques, 04681
solitary occupancy of unequal probabilities with application to Doppler radars for ocean surveillance, 09576
Dosimeters:
noise dosimeter performance, 11066
Dosimetry:
disinfestation of fruits and vegetables by gamma irradiation, 02861
radiation dosimetry at cryogenic temperatures using thermoluminescence, 04836
UHF-therapy dosimetry procedures, USSR latest developments, 03520
DOT, *see* Transportation Department.
Double cropping, *see* Multiple cropping.
Douglas fir, *see* Fir.
Doves:
white-winged, hunting seasons, limits and shooting hour schedules, Federal regulations, 04740
see also Mourning doves.
Down, *see* Feathers.
Down's syndrome, *see* Mongolism.
Downer, George:
relief, 02934, 03124
Downwash (aircraft):
fog dispersal experiment using helicopter downwash, 04823
Doyle, Florene A.:
relief, 06267
Doyle, James P.:
relief, 06267
Draft (military), *see* Conscription.
Drafting instruments:
drafting, surveying, and mapping instruments, Federal item identification guide, 03272, 07616
Drag (aerodynamics):
aerodynamic drag and fuel spreading measurements in simulated scramjet combustion module, 11668
blockage ratio on interference drag and pressure distributions for bodies of revolution at transonic speeds, 06865
compliant wall drag reduction in turbulent boundary layers, 10209
drag and distribution, measurements of single-element fuel injectors for scramjet supersonic combustors, 10224
drag characteristics of circular cylinders in laminar boundary layer at supersonic free-stream velocities, 06871

Drag (aerodynamics)–Con.
flutter analysis and testing of pairs of aerodynamically interfering delta wings, 03593
highly underexpanded sonic jet pressure blockage ejecting from flat plate into subsonic crossflow, 05615
jets blown over wing, exploratory investigation of effects on drag, 06870
measured pressure distributions on large-angle cones in hypersonic gas flows and resultant high drag configurations, 08059
Drainage:
areas, Montana, annual peak discharges, 01250
corrugated plastic drainage tubing, structural design procedure for, 05953
Guernsey County, Ohio, control study, 07686
magnitude and frequency of floods in small drainage basins in Idaho, 03414
Ohio drainage guide for public and private engineers, etc., 00643
rainfall-runoff data for small drainage areas of Missouri, 04479
small drainage basins in Idaho, design method, magnitude and frequency of floods, 05431
see also Mine drainage.
Drama:
dramatico-musical works, copyright information, 00249
Dredging:
sand and gravel from Tennessee River, limited study of effects, 05878
Dresden Nuclear Power Station:
aerial radiological measuring, survey of surrounding area, Morris, Ill., 09694
Dresses:
aprons, dresses, and skirts, Federal item identification guide, 00256
First Ladies of White House, collection in First Ladies Hall, 03737
women's and misses, industry wage survey, 01360
Dried foods:
energetics of water binding in dehydrated foods at very low moisture levels with quality parameters, 04833
freeze-dried cooked ground beef, effect of cooking and fat level on oxygen uptake, 04838
freeze-dried raw pork chops, effect of rehydration and cooking parameters on tenderness, 04844
intermediate moisture foods, controlling amount of internal aqueous solution, 04849
optimum requirement for dehydration and rehydration of certain freeze-dried fruits and vegetables, 04850
Dried milk, *see* Milk.
Driers, *see* Paint.
Drift:
drift of 2,4,5-T applied with mist blower, 06658
hydrogeology of glacial drift, Mesabi Iron Range, northeastern Minnesota, 06708
PILLS II system, explicit calibration, 04365
spaceborne facsimile cameras, controls for drift, video gain, and color balance, 04620
Drill chucks, *see* Chucks.
Drill holes, *see* Boreholes.
Drilling:
assessment of U.S. petroleum supply with varying drilling efforts, 09458
offshore oil drilling at Santa Barbara, prohibit–
hearings, 08402
see also Core drilling.
Drills:
drill bits, counterbores, and countersinks, Federal item identification guide, 07608
Drinking water, *see* Water.
Drive (power transmission), *see* Power transmission.
Drivers, *see* Automobile drivers–Motor vehicle operators–Motorbus drivers.
Dropouts, *see* High schools–School attendance.
Droughts:
drought and famine in west Africa–
hearings, 04201
Drowning:
underwater fatality statistics, United States, 1972, 08784
Drug abuse:
Air Force enlistees, variables related to preservice cannabis use, 09668
alternatives to drugs, new approach to drug education, 04652
Armed Forces, 06686
barbiturate abuse in United States, 1973–
hearings, 05166
bibliography of drug abuse literature, 11688
cooperation in combating illicit international traffic in narcotics and other dangerous drugs, communications equipment, agreement with Mexico, 05845
DACAS, drug abuse current awareness system, 01854
discharges given service members for drug involvement, improving outreach and effectiveness of DOD reviews, GAO report, 06686
drug abuse and criminal justice system, survey of new approaches in treatment and rehabilitation, 08533
drug abuse in Air Force, correlational analysis, 07139
drug abuse prevention report, official newsletter of Special Action Office for Drug Abuse Prevention, 01891
drug arrests abroad, notice, 10440
drug use in America, problem in perspective, 00534, 01367
education act amend–
hearings, 09230
education act, extend–
report, 03062, 03064
education projects, instructions for applicants, 07663
evaluating Federal efforts to control drug abuse–
hearings, 00135, 07410, 08395
improving Federal strategy, 04061
fact sheets, 05276
how to put drug abuse information program on wheels, special project report tells how, 01456
Institute of Narcotic Addiction among Mexican Americans in Southwest, proceedings, 04666
long term effects of drug use on mental ability, 08886
mental health, alcohol abuse, drug abuse, and mental retardation, definitions and terms, 09539
military drug and alcohol programs, review–
hearings, 09191
Miramar Drug Rehabilitation Center, first year's experience, 06822

Drug abuse—Con.
post-arrest drug trafficking, 01349
prevention control legislation, oversight—hearings, 07422
Project DAWN, drug abuse warning network, analysis, 07645
proper and improper use of drugs by athletes—hearings, 04234
State and local problems and rehabilitation programs to combat—hearings, 07553
strengthening drug enforcement efforts, proposal, 10596
submarine service, factors related to drug abuse, characteristic biographical profiles and related data, 10176
there's brand new language, notes for broadcasters, 08222
see also Narcotic habit.
Drug Abuse Information, National Clearinghouse, *see* National Clearing house for Drug Abuse Information.
Drug Abuse Prevention, Special Action Office for, *see* Special Action Office for Drug Abuse Prevention.
Drug addiction, *see* Drug abuse—Narcotic habit.
Drug Enforcement Administration:
DEA personnel management series, 07643-4
DEA, activities, 04335
drug enforcement, 01892
establish in Justice Department, reorganization plan—
hearings, 07512-7
report, 03196
fact sheets, 05276
library book catalog—
author catalog, 08676
periodicals catalog, 10161
title catalog, 10162
reorganization plan 2 of 1973—
hearings, 07512-7, 08490
law, 11351
report, 06329
RTP-TR series, 07645
SCID-TR series, 06466
Drugs:
adverse and toxic effects, toxicity bibliography, 02656
code of Federal regulations, 11516
commercial import detentions, monthly report, 01788
Controlled substances act, amend—
law, 10579
report, 08364
dangerous, fact sheets, 05276
diethylstilbestrol (DES) and other drugs used in food producing animals, regulation—
report, 06252
drugs in our schools, report, print additional copies—
report, 04045
FDA drug bulletin, 01941
FDA introduction to total drug quality, 07821
Federal food, drug, and cosmetic act—
legislative history, 10704
narcotics and dangerous drugs, translations, 02668
pharmaceutical preparations except biologicals, 1972, current industrial reports, 04920
productivity in pharmaceutical industry, 09443
proper and improper use by athletes—
hearings, 04234
radiopharmaceuticals, localization, cooperative group to study, 00750
see also Narcotics.
Drums (containers):
steel shipping, current industrial reports, 01846, 04923
Drunkenness (criminal law):
getting drunk doesn't make you tall,etc. (colored poster), 08126
Dry Creek:
floods, Dry Creek and tributaries, Roseville, Calif., 00312
mercury hazard potential, 07857
municipal and industrial water requirements for Russian River basin, Calif., 11731
Dry ice:
hazard associated with sublimation of solid carbon dioxide (dry ice) aboard aircraft, 10892
Dry-cleaning machines:
laundry and dry cleaning equipment, Federal item identification guide, 03273
Dryers, *see* Dryers (industrial)-Hair dryers.
Dryers (industrial):
driers, dehydrators, and anhydrators, Federal item identification guide, 07621
Drying:
air-drying guide for Tennessee Valley, 11270
Dryline:
motion and morphology of dryline, 11183
DSA, *see* Defense Supply Agency.
Duck plague, *see* Diseases of waterfowl.
Duck virus enteritis, *see* Diseases of waterfowl.
Ducks:
duck plague in wild waterfowl, 07041
hunting, possession, transportation and importation, 1973-74, Federal regulations, 00656
sea, hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
Ductility:
ductile fracture equation for high-strength structural metals, 04696
Ducts:
acoustic radiation patterns for source in hard-walled unflanged circular duct, 06868
numerical simulation of noise propagation in jet engine ducts, 04623
sound propagation in and radiation from acoustically lined flow ducts, 05609
streamline curvature design procedure for subsonic and transonic ducts, 05621
Dumfries, Va.:
motor carrier accident, 06843
Dummy loads:
electrical, Federal item identification guide, 04295
Dumping (waste products), *see* Waste disposal.
Dunes:
preurbanization reconnaissance study of stability of sand dunes bordering Lake Earl, 07859
Dungeness crabs:
Alaska's fishery resources, dungeness crabs, 09548
Dunn, John P.:
relief, 02929, 03122
Duplicating machines:
printing, duplicating, and bookbinding equipment, Federal item identification guide, 07625, 11446
DuPont, Robert L.:
nomination—
hearings, 01038
Durham County, N.C.:
flood plain information, 06504

Dust:
content in Venusian atmosphere found from wind velocity measurements, USSR study, 10990
dust allergy, 10285
inhalation diseases, pneumoconioses, 05667
modified dust-control materials and prototype equipment, engineer design tests, 06531
see also Coal dust-Cosmic dust.
Dust control:
collection of airborne coal dust by steam, 08706
investigation of dust-control materials, 07716
longwalls in Pocohontas 3 coal bed, 09472
Duties, *see* Copper–Dyes and dyeing–Manganese–Tariff.
Duwamish River and Valley:
predicted effects of proposed navigation improvements on residence time and dissolved oxygen of the salt wedge in Duwamish River estuary, King County, Wash., 01261
DVE (duck virus enteritis), *see* Diseases of waterfowl.
Dwellings, *see* Houses–Housing.
Dwight, James S., jr.:
nomination–
hearings, 04199
Dyes and dyeing:
dyes, Federal item identification guide, 06435
dyes, production and sales, 09632
extension of existing suspension of duty on dyeing and tanning materials–
law, 00107
synthetic organic dyes, workers of Linden, N.J., plant of GAF Corp. Tariff Commission report, 05875
Dynamic stability, *see* Stability of aircraft.
Dynamics:
CMG [control moment gyroscope] induced LST [large space telescope] dynamics, 11113
constrained test method for obtaining free body responses, evaluation, 01393
decompositon-aggregation stability analysis of Skylab control system, 04600
design of structures to resist effects of atomic weapons–
dynamic analysis and design principles, 03920
structural elements subjected to dynamic loads, 03921
weapons effects data, 03919
dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
dynamic response of materials to intense impulsive loading of aircraft, 02836
features of dynamic structure of deep estuary, 10317
numerical model of ride dynamics of a vehicle using a segmented tire concept, 01145
parameters and dynamics of laser plasma, USSR study, 06773
relativistic effects in satellite dynamics, 04707
see also Magnetohydrodynamics.
Dynamite:
determining explosive oil in dynamites using high-pressure liquid chromatography, 01379
Dysbarism:
compression-decompression schedule for producing dysbaric stress in mature rats, 06825
ear and hearing in aquatic and dysbaric environments, 08691

E

E region, *see* Ionosphere.
Eagles Nest Wilderness area:
designate within Arapaho and White River National Forests, Colo.–
hearings, 04212
report, 00998
Ear:
ear and hearing in aquatic and dysbaric environments, 08691
Ear protectors:
ratings, 11312
Earle Cabell Federal Building:
designate–
law, 04997
report, 03082, 03194
Earnings, *see* Salaries–Wages.
Earth:
advanced scanners and imaging systems for earth observations, 03596
Apollo experience reports, earth landing system, 04628
Earth Resources Technology Satellite, non-U.S. standard catalog, 01893
Earth Resources Technology Satellite, U.S. standard catalog, 01894
earth's future and systems analysis research at Pushchino City, USSR study, 09393
earth's ozone shield, USSR study, 05536
effects of aerosols on determination of temperature of earth's surface from radiance measurements at 11.2 um, 05700
geodetic measurements of crustal movements–
reports, 00587
geoelectric characteristics of earth's crust and upper mantle, USSR study, 06771
geometric investigation of effect of viewing angle on ground resolution of satellite-borne sensors, 04828
humanizing the earth (lecture), 05924
improving our environment, on spaceship Earth, 04599
interior of earth, 08613
it's your world, take care of it (poster), 06580
ITOS scanning radiometer data insight as to earth location accuracy, operational products, 06975
Jupiter and planet Earth, 05638
life beyond earth & the mind of man, symposium proceedings, 01397
liquefaction, flow, and associated ground failure, 05427
magnetosphere, satellite position with respect to it, 05737
NASA earth resources survey program, weekly abstracts, 02753
now frontier linking earth and planets, 11670-3
now frontier, man links earth and planets, Pioneer to Jupiter, 05636-40
principal rivers and lakes of world, 05697
radiation characteristics of atmosphere and earth's surface, 11158
riprap slope protection for earth dams, review of practices and procedures, 00620
Skylab resources experiment package, experiments in oceanography marine science, 03667
solar corpuscular streams and weather on earth, 08663

564-800 O - 75 - 12

Earth–Con.
tectonic, geological studies using space photographs, USSR study, 06763
Earth mantle, *see* Earth.
Earth moving equipment, *see* Building machinery.
Earth sciences, *see* Science.
Earth shock:
Cannikin, physical and biological effects, 06045
Earthquakes:
building performance in 1972 Managua earthquake, 03648
damage areas, Caracas, Venezuela, soil amplification factors, 10322
earthquake history of United States, 05315
earthquake information bulletin, 01895
earthquake relief, agreement with Nicaragua, 04747
earthquakes and windstorms, design, siting, and construction of low-cost housing and community buildings to better withstand, 06903
Los Angeles, Calif., area, losses, 06598
preliminary determination of epicenters, monthly listing, 02447
research, hearings, 09197
Earthwork and structures:
construction activities, erosion and sediment control, comparative costs, 08266
East (Far East):
communications equipment sales, prospects for long term substantial, 11336
foreign relations of U.S., China–
departmental edition, 05817
document edition, 05012
Islam and the East, art orientalis, 01244
market profiles for Far East, 08529
problems of Far East (USSR periodical), 02499
snow airstrip construction, expedient construction technique, 09270
trade policy resolution, expansion of commerce in goods and services, report, 03139
East (Middle East):
accessions list, Library of Congress American Libraries Book Procurement Center, Cairo, 01600
Arab-Israeli conflict impact on U.S. shortage, report of study mission to Middle East, 06301
between war and peace, Nov.-Dec.1973, 09929
European security and Middle East after war of Oct. 1973, 09066
food embargo as response to present Arab oil boycott data and analysis, 06234
hostilities, deplore and urge cease fire, report, 09027
impact of October war–
hearings, 06295
issues, atlas, 06102
October War of 1973, weapon systems involved, etc.–
subcommittee report, 05054
prospects for peace in Middle East, view from Israel, study mission report, 09211
protecting civilians under international law in Middle East conflict–
hearings, 09833
United States peacekeeping role–
hearings, 07403
East (Near East):
agricultural production 1963-72, indices, 04339
market profiles for Near East and South Asia, 04333
translations, 02669
East (U.S.):
comparative transportation costs of supplying low-sulfur fuels to eastern domestic energy markets, 06831
designate certain lands in more populus eastern half of U.S. as wilderness areas–
hearings, 04216
report, 10730
fresh fruit and vegetable unloads, 09656
genuine energy crisis (remarks), 03440
methane control in eastern U.S. coal mines., 03560
national airport system plan, 1972, Eastern region, 04397
strawberry, culture, 02812
U.S. government supported research on foreign affairs, inventory, 09621
East Asia, *see* Asia.
East Coast, *see* Atlantic Coast-Atlantic Ocean.
East Europe, *see* Europe-Union of Soviet Socialist Republics.
East Germany, *see* Germany.
East-west trade, *see* Commerce.
Eastern Africa, *see* Africa.
Eastern Air Lines, Inc.:
accident report, 01498, 05717
Eastern Europe, *see* Europe-Union of Soviet Socialist Republics.
Eastern Regional Research Center:
publications and patents, 00713, 08275
Eastern States, *see* East (U.S.).
Eastern white pine, *see* Pine.
Eastman, H.V., Lake, *see* H.V. Eastman Lake.
Easton, Pa.:
area wage survey, 06797
Eaton Corp.:
automotive springs, clutch discs, and rear deck lid torsion bars, former workers of plant, Detroit, Mich., Tariff Commission report, 08247
EC, *see* European Community.
Echo boxes, *see* Radar.
Echo sounding:
radar moon echo signals, observed statistical behavior, 11208
Echolocation (physiology):
echolocation in nature, USSR study, 11575-6
investigating generation of echolocation pulses in dolphins, USSR study, 05544
Eclipses:
spectral irradiance curve calculations for any type of solar eclipse, 11118
Ecology:
aquatic ecological terms, glossary, 03827
Cannikin, physical and biological effects, 06045
career profiles, 04428
ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
ecological monitoring of beach erosion control projects, Broward County, Fla. and adjacent areas, 09980
ecological research series, 00325-7, 01150-3, 04358-9, 04361-9, 04383, 05318-9, 06542-8, 07729-30, 11477
fun with environment, 01175
humanizing the earth, human use of natural resources and technology (lecture), 05924
marine ecosystems analysis program–
bibliography of New York Bight, 10312
ocean dumping and other man-induced changes to ocean ecosystems, report to Congress, Oct. 1972-Dec. 1973, 11184

Ecology–Con.
pressure bomb measurements indicate water availability in southwestern riparian community, 05392
radionuclides in ecosystems, 3d national symposium on radioecology, proceedings, 00748
salinity and on life in coastal waters, bibliography, 01143
salinity problems of organisms in coastal areas subject to effect of engineering works, 07712
soil microcommunities and ecosystems, conference proceedings, 09697
southwestern pinyon-juniper ecosystem bibliography, 08585
tertiary treatment with controlled ecological system, 07759
upland plant communities, woody browse production and small mammals of wildfire areas of northeastern Minnesota, 08583
see also Radioecology.
ECOM, *see* Army Electronics Command.
Economic aid, *see* Foreign aid.
Economic Analysis Bureau:
BEA quarterly model as forecasting instrument for economic conditions, 01081
press releases, 02455
Economic assistance, *see* Foreign aid.
Economic conditions:
adverse effects of impeachment on political and economic conditions (address), 08963
American economy and you (address), 00081
American economy, report from Council of Economic Advisors, 10603
American productivity as prime factor in maintaining strongest world economy (address), 00804
BEA, Economic Analysis Bureau, quarterly model as forecasting instrument, 01081
business outlook for 1974 in nation (remarks), 04969
defense cutbacks, impact on American communities, report, 09240
economic censuses, 1972, mini-guide, 04936
economic impact of energy crisis (remarks), 07797
economic indicators (periodical), 01897
foreign economic trends and their implications for United States, 00474-91, 01317-19, 02041, 03467-82, 04530-7, 05487-92, 06746-58, 07899-902, 08639, 09374-82, 10139-47, 10981
inflation and economic welfare, implications for monetary policy, 10047
input-output structure of U.S. economy, 1967, 07647, 09257
international economic indicators, 02171, 03302
international report of President to Congress, report, 08817
midyear 1973, review of economy–
hearings, 08349
multinational corporation and world economy, 00213
problems of women–
hearings, 04030-2
removal of President Nixon from office would endanger economic life as well as all other phases of American government and society (address), 03973
report of President to Congress–
report, 08348, 08354
report of President–
transmission date, extend, law, 06190
shortages, inflation and recession (address), 06121
small business in American economy, vital majority, 05789
Soviet economic outlook–
hearings, 06206
Soviet economic prospects for the seventies, joint committee print, print additional copies–
report, 03042
state of our economy, energy problem, and need for expansion of exports (address), 03974
trade in Asian Pacific area and US economy (remarks), 07322
see Production.
Economic controls, *see* Economic stabilization.
Economic development:
Africa, crisis of development and interdependence–
hearings, 10695
Africa, U.S. development aid, 11773
Andean integration movement, 05819
Antartica exploitation, basic problems, USSR study, 08655
balanced population growth and economic development with national public works policy–
hearings, 08434
challenges of interdependence (address), 11772
community involvement in redevelopment of urban areas and economic growth, (address), , 05277
Cuban economic development, USSR study, 11568
current materials development digest (periodical), 01877
economic development (periodical), 01896
EDA growth center evaluation, 05278
financing economic development of Indians and Indian organizations–
law, 11353
increasing production essential to national progress (address), 00080
international capital markets and financing of economic development (paper), 03366
job-creating program, economic development districts, 11451
long term economic growth, 01082
medical and geographic aspects of Angar-Yenisey region, USSR study, 07932
multilateral assistance for agricultural development, 04338
Oceans and National Economic Development Conference–
proceedings, 05126
oil shale industry in western Colorado, impact of leasing public lands–
hearings, 07525
programs under jurisdiction of Public Works Committee, House, 09855
provide for financing economic development of Indians and Indian organizations–
hearings, 07415
Public works and economic development act–
amendments, 09855
Public works and economic development act, qualified areas by States, 11452
qualified areas, under Public works and economic development act, 01083
reforming international economic system (address), 05806
resource scarcity, economic growth, and environment–
hearings, 09738

Economic development—Con.
Soviet economic prospects for seventies, joint committee print, print additional copies—report, 03042,09145
stimulate economic growth of United States with trade reforms—report, 10768
see also Foreign aid.
Economic Development Administration:
annual report, 07648
building communities with jobs, 09258
directory of approved projects, 06469
EDA growth center evaluation, detailed case studies, 05278
job-creating program, economic development districts, 11451
press releases, 02455
technical assistance, what it is, how to apply, 10806
Economic distribution, *see* Distribution (economics).
Economic growth, *see* Economic development.
Economic indicators:
International, quarterly reports highlights, 06463
Economic Joint Committee:
committee print, 00113, 00115, 04033, 05006, 05009, 06202-3, 06207-8, 08348, 10593
hearings, 00114, 00848, 04030-2, 05003-5, 05007-8, 05010-1, 06204-6, 07391, 08349, 09737-8, 11355
publications and policies governing their distribution 87th-93d Congresses, 00113, 10593
report, 08354
report, transmission date, extend, law, 06190
Economic Opportunity Office:
appropriations, 1974—
hearings, 05113
law, 06160
report, 00992, 03077, 04077, 06322
better use should be made of physicians and dentists, GAO report, 09337
continuation of certain programs—hearings, 10692
Economic opportunity act, amend—hearings, 06289-90
opportunity (magazine), 02407
pamphlet, 06470
Economic policy:
barriers to innovation in industry, opportunities for public policy changes, 10336
economic and industrial affairs, Eastern Europe, translations, 02663
economic foreign policy series, 11776
Economic opportunity act, amend—hearings, 06289-90, 10692
report, 03218
Federal domestic assistance programs, catalog, 01705
Federal Trade Commission's role in policing the market will assist in keeping competition vigorous, Law Day address, 10055
financial management for planning and action grants to combat crime, 08675
foreign economic policy—hearings, 07398
international economic policy—hearings, 11398
International economic policy act, amend—law, 02945
International economic policy act, appropriations, 1975-6, authorization—report, 09895
international economic report of President, 08817
Navajo Indian Irrigation Project comprehensive plan framework, 00461
phase 4, President's economic program—hearings, 04194
reforming international economic system (address), 05806
toward national growth policy, Federal and State developments in 1972, 00180
see also Inflation (finance)—International cooperation.
Economic Research Service:
economic of agriculture, reports and publications, list, 06472
ERS-foreign series, 00292-3, 01084, 04339, 10807, 11453
ERS-series, 03307-8, 04338, 05280-1, 06472-4, 07650-1, 08534, 11454-5
FDD field report, 07652
foreign agricultural economic reports, 01085, 03309, 04341-2, 07653, 10808
periodicals, list, 07654
reports, checklist, 01716
Economic stabilization:
act—
renewal and suggested modifications, 08475
act, extend and amend—hearings, 07390, 09192
economic stabilization program—
phase 4, effective managerial control of acute care hospitals under phase 4 regulations, 07587
phase 4, oil regulations and petroleum marketing problems, hearings, 05089
economic stabilization program quarterly report, 01898
economic stabilization program series, 00250, 07587, 10799
Internal Revenue Service, handbook and manual, Congressional oversight,04231
price freeze and its effects on agriculture—hearings, 04083
price freeze and its effect on poultry industry—hearings, 04082
Economics:
alternative futures and environmental quality, 05339
American economic interests and international antitrust policy (address), 10052
business & economics, weekly Goverment abstracts, 02764
computers in economics and scientists of future, USSR study, 10984
economic accountability and planning of work in scientific research and design, USSR study, 10152
economic analysis automotive gas turbine, investment cast turbine wheel, 08542
economic analysis of gypsy moth problem in Northeast, applied to residential property, 08598
economic impact of crime on business (remarks), 00290
economic impact of petroleum shortages—hearings, 05004
Economic opportunity act, amend—hearings, 06289-90, 10692
economic regulations of Civil Aeronautics Board uniform system of accounts and reports, 07306
economic substantiation in design of seagoing cargo vessels, USSR study, 11021

Economics–Con.
economic-mathematical analysis of intersectorial production balances of USSR, USSR study, 06788
economics of agriculture, reports and publications, list, 06472
economics of clean water, 07731, 08516
economics of use of surface condensers with dry-type cooling systems for fossil-fueled and nuclear generating plants, 07237
economics, organization, and planning of ship electrical installation production, USSR study, 11561
economy in design operations, USSR study, 11017
energy from oil shale, economic aspects, 08439
energy management, economic sense for retailers, 07325
enforcement economics in air pollution control, 10859
five year plan summary, Romania, 05266
foreign experience with monetary policies to promote economic and social priority programs, 09058
joint economic report, 1974–
report, 08348, 08354
junk automobile problem, economic analysis, 03559
long-range economic forecasting, models and methods, 03984
motor vehicle and tractor industry economics, USSR study, 11571-2
operation of capital markets (address), 05882
realities of our political economy (statement), 08328
reflections on political economy (address), 05886
rule of law in international economic affairs, 08234
science expenditures and productive capital investments, correlation, USSR study, 09427
shipbuilding industry, USSR study, 08642
social and economic effects of highways, 10029
USA, economics, politics, ideology (periodical), 02720
see also Production.
Ecosystems, *see* Ecology.
Ecuador:
economic trends and their implications for United States, 09374
map, 02884
privileges and immunities for United States Inter-American Geodetic Survey Mission agreement, 08238
EDA, *see* Economic Development Administration.
Eddy County, N. Mex.:
potential water salvage in Lake McMillan delta area, appraisal, 01252
Edgemont, S. Dak.:
environmental evaluation of uranium and vanadium milling operations, 10873
EDS, *see* Environmental Data Service.
Education:
accredited postsecondary institutions and programs, 06477
admission rates by highest level of education attained, State and county mental hospitals, 10300
adult basic education program statistics, students and staff data, 07659
adult education, annual report, 10201
alternatives to drugs, new approach to drug education, 04652
America's educationally neglected, progress report on compensatory education–
annual report to President and Congress, 04595
American education (periodical), 01644
area health education centers, national conference, proceedings, 05442
area health education centers, 06711
basic education rights for handicapped, National Advisory Committee on Handicapped Children, annual report, 06478
basic educational opportunity grant program family contribution schedules for academic year 1974-75–
hearings, 07557
bilingual programs–
hearings, 07552
Cairo, Ill., Civil Rights Commission hearing, 10550
career education, implications for minorities, proceedings, 01087
career education program and equal opportunity (remarks), 09348 career education track record to date (address), 07661
China educational revolution, 06479
commissioner's annual report, 05287
conceptual design for cost evaluation of alternative educational system in managing Air Force Academy and Air Force ROTC, 04800
continuing education in mental health, project summaries, 10293
Defense Dept. and independent American schools education of dependents overseas, report, 09062
directory–
contacts for international educational, cultural and scientific exchange programs, 08852
higher education, 07664
Drug abuse education act, amend, hearings, 09230
Drug abuse education act, extend–
report, 03062, 03064
drug abuse education projects, instructions for applicants, 07663
education amendments of 1974–
report, 10739
education and income in black community (remarks), 03364
education and training for minority business enterprise, task force report, 09719
education briefing papers, 03311, 09261-2
education directory, 1973, education associations, 01088
Education of handicapped act, amend–
report, 03130
education professions, 1971-72, annual report–
school library media field, manpower survey, 04346
educational assistance programs for veterans, report of educational testing service, Princeton University, 09123, 09125
educational assistance to veterans, comparative study of 3 G.I. bills, 00244
educational laboratory and research and development center programs need to be strengthened, GAO report, 06678
educational services data subsystem, standard data elements and coding State traffic records systems design manual, 005070
educational statistics digest, 07662

Education–Con.
educational statistics to 1982-83, projections, 11458
Emergency school aid act, Federal aid to school districts eliminating, reducing, preventing minority group isolation, 01089
energy crises effect on schools and colleges–hearings, 09231
energy, environment, and education (remarks), 08326
Environmental education act, amend–report, 09896
Environmental education act, extend–law, 10577
report, 03051
environmental education projects, brief description, 05288
essays on career education, 00576
evaluation of education, need of examination, 04596
exchange programs, agreement with Netherlands, 05841
exchange programs–international educational and cultural exchange (periodical), 02172
fewer dollars, shrinking enrollments, fixed cost, how is Federal Government helping (address), 11457
Four H club gets it all together, 01193
get credit for what you know, 08269
grants for research, 05674
guide for operation of instructional improvement implementation projects, pre-college education in science, 11191
handicapped children–hearings, 10780
Head Start planned variation study, 07303
health professions, costs of education, study report, 08621
how health professions students finance their education, 05440
how to pay for your health career education, guide for minority students, 06710
human touch in Federal aid to education (address), 07665
Indians, maximum participation in development of their own human resources–hearings, 01031
report, 08459
international cues for 4-H leaders and extension staff, 04790
legislation, 1973–hearings, 04235-6, 06396-8, 07554-5
Mexican American education study, toward quality education for Mexican Americans, 06321
NASA educational publications, list, 09484
community education plan, 05668
national assessment of educational progress–drawing inferences, reading, 01092
gleaning significant facts from passages by reading, 01091
political knowledge, attitude, 09263
reading, released exercises, 01093
recipes, wrappers, reasoning and rate, digest of first reading assessment, 10809
National Endowment for Humanities, 08768
national high blood pressure education program–community education plan, 05668
data base for effective antihypertensive therapy, 06937
executive summary of reports, 06940
professional education, plan, 06938
resource and impact assessment, 06939
National Institute of Education research and development program (remarks), 09347
new approaches to physical and behavioral adaptation in schools, USSR study, 05524
nutrition education program for children, establish–hearings, 04096
patient education programing, proceedings of workshop, 01285
popular nutrition education, national nutrition policy study, 10786
professions development act, training programs, 1972-73, 09978
progress in United States of America, report, 01094
provision of instruction to handicapped in local public schools, 06481
recurrent education, 08773
research in education (periodical), 02544
research in education (periodical)–annual index, 10290
science, educational program restructuring, proposals, guide for preparation, 08795
special education careers, programs for professional training in special education 01095
strengthening instruction in academic subjects, National defense education act, annual report, 06483
tax information on educational expenses, 06743
teaching materials for environmental education, 01243
technological innovation in education, proposals, guide for preparation, 08794
time for responsibility, 09979
trends in science and technology and their implications for engineering education (remarks), 02896
veterans education newsletter, 02736
veterans educational and subsistence payments and eligibility at educational institutions closed due to emergencies continue, report, 09147
veterans educational assistance allowances, increase rates–law, 10585
report, 10617
war veterans and certain of their dependents, pending bills–hearings, 05092
who should pay the bills (address), 11456
women, educational equity through special programs and activities–hearings, 07397
years for decision, longitudinal study of educational and labor market experience of young women, 11038
see also Colleges and universities–Educational boards and departments–Elementary education–Extension work–Indian schools–Military education–Moral education–Programmed instruction–Vocational education.
Education and Labor Committee, House:
calendar, 02211
committee print, 00129, 09062, 09826, 10694, 11400
hearings, 00128, 00926, 04092-7, 06288-92, 07394-7, 08388, 09061, 09063-5, 09824-5, 09827, 10691-3
investigations and studies–authorization and expenses, report, 10628
major legislative action, summary, 93d Congress, 1st session, 10694

Education and Labor Committee, House—Con.
report, 03062, 03189, 04073, 05032, 06232, 06240, 08362, 09769, 09794, 10637, 10659
Education and Training for Minority Business Enterprise Task Force:
report, 09719
Education Commission of States:
national assessment of educational progress—drawing inferences, reading, 01092
gleaning significant facts from passages by reading , 01091
reading, released exercises, 01093
political knowledge and attitudes, 09263
Education Office:
Commissioner, nomination of John R. Ottina—hearings, 01041
USOE and library role (address), 07669
Education, National Institute, *see* National Institute of Education.
Educational associations:
education directory, 1973, education associations, 01088
Educational boards and departments:
State departments, foreign curriculum consultant program, 00297
Educational Commission of States:
national assessment of educational progress—recipes, wrappers, reasoning and rate, digest of first reading assessment, 10809
Educational institutions, *see* Colleges and universities.
Educational Resources Information Center:
ERIC, profile, 10288
research in education (periodical), 02544, 10290
Educational surveys:
student evaluation in vocational and technical education, 10286
vocational and technical education, personnel evaluation, 10287
Educational Testing Service:
Princeton, N.J., comments on its report—hearings, 05092
Princeton, N.J., report on educational assistance programs for veterans—report, 09123, 09125
Educational tests and measurements:
educational testing service, Princeton University, on educational assistance programs for veterans, 09125
Educators:
NASA report to educators, discovery, knowledge, benefits (periodical), 02335
Edwards County, Kans.:
soil survey report, 00647
Edwards, Charles C.:
nomination—hearings, 01040
EEC, *see* European Economic Community.
EEG, *see* Electroencephalogram-Electroencephalography.
Efate Island:
journal of trip, 10301
Efficiency ratings:
job performance ratings of terminal area traffic controllers, relationships of age and ATC experience, 07245
Effluents:
analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
color removal from Kraft mill effluents by ultrafiltration, 06565
discharges from combined sewers and separate storm sewers at Detroit and Ann Arbor, Mich., tabulations from survey, 11749
edible oil refinery effluents, recovery of fatty materials, 07754
infrared Fourier transform spectrometry of gas chromatography effluents, 09998
organic nutrient factors effecting algal growths, 00326
radioactive material in light-water-cooled nuclear power reactor effluents, proposed rule making action, 00753-5
reactor effluents, monitoring radionuclides, 09287
recycling municipal sludges and effluents on land, 11485
self-monitoring and reporting requirements for water pollution, permit program guidance, 04380
EFTA, *see* European Free Trade Association.
Eggs:
chemical compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs, list, 05986
foreign agriculture circulars, 02039
futures, commitments of traders, 01790
improving shell egg packing plants, 08880
it takes 1 gallon of gas for 450 eggs, food moves on fuel, 08882
poultry and eggs situation (periodical), 02444
production, 07065
production, disposition, cash receipts, and gross income, 09624
production, etc., monthly report, 01900
products, liquid, frozen, dried production under Federal inspection, 01899
research and consumer information—hearings, 09799
statistics through 1972, 10498
Egmont Key National Wildlife Refuge:
establish—report, 09760
Egypt:
background notes, 00659
foreign trade regulations, 06459
trade in cotton textiles, agreement, 07059
Eisenhower College:
Eisenhower dollar coin proceeds for grants to college—report, 04049
Ejectors:
acoustically lined ejector technology development for multitube jet noise suppressor nozzles, 11086
highly underexpanded sonic jet ejecting from flat plate into subsonic crossflow, 05615
El Salvador:
economic trends and their implications for United States, 03480
prevention of foot-and-mouth disease and rinder pest, agreement, 01581
trade in cotton textiles, agreement, 03777
Elastic materials:
elastic-plastic fracture mechanics options, generalized procedures for use in modernization of nuclear standards, 08170
NX borehole jack modulus determinations in homogeneous, isotropic, elastic materials, 11056
shear-stress intensity factors for elastic sheets with cover plates, 10240
Elastic scattering, *see* Scattering.
Elastic strain, *see* Strains and stresses.
Elastic structures, *see* Elasticity.
Elasticity:
application of boundary integral method to elastic analysis of V-notched beams, 04626

Elasticity–Con.
approach of 2 bodies separated by perfectly elastic particle, 08180
axisymmetrical vibration of partially liquid-filled elastic sphere, analysis by method of Green's function, 08063
boundary-integral methods in elasticity and plasticity, 06879
circular footings on viscoelastic foundations, 01107
flutter of elastically supported orthotropic panels including effects of flow angle, 11125
geometric method for prediction of stresses in elastic inclusions, 09471
NX borehole jack modulus determinations in homogeneous, isotropic, elastic materials, 11056
solution graphs, simple algebraic structures for problems in linear anisotropic elasticity, 03693
stability and oscillation of elastic systems, 03619
theory of elasto-plastic flow, review of developments, 04604
Elastohydrodynamics, *see* Hydrodynamics.
Elastomers:
damping contribution of elastomeric ablator on aluminum beams, 10215
elastomeric-bearing main rotor of OH-58 helicopter, cold-weather flight tests, 07188
production and sales, 09633
Elderly people, *see* Aged.
Elderly persons, *see* Aged.
Elections:
absentee voting in Federal elections, provide uniform procedures for U.S. citizens residing abroad–
hearings, 05187
Campaign communications reform act, amend–
hearings, 06304
choosing the president, special bibliography, 05964
code of Federal regulations, 06628
direct popular election of President and Vice President of United States, amend Constitution–
hearings, 07539
District of Columbia election act, amend–
hearings, 06286
District of Columbia, mayor and city council, elect, report, 04058
District of Columbia, regulate campaigns for public office–
hearings, 11399
election law guidebook, 10718
election reform, basic references, 04249
employee representation, conducted by NLRB, reports, 02330
Federal campaign election act–
hearings, 06304
Federal election campaign act, amendments–
report, 09044
Federal, allow former criminals to vote–
report, 04058
Federal, designate Tuesday following 1st Monday in October as election day–
report, 00192
Federal, proposed legislation to reform conduct and financing of campaigns,draft, 11358
political participation in elections under District of Columbia self-government and governmental reorganization act, provide–
report, 09774
Presidential campaign activities 1972–
campaign financing, hearings, 08505
hearings, 01050, 04250-3, 05176-80
hearings and final report, print additional copies, authorization, report,09171
Presidential campaign receipts, 1972 alphabetical listing, 04454
Presidential election of 1972, illegal, improper or unethical activities, hearings–
print additional copies, report, 04046
public financing of Federal elections–
hearings, 05186
voluntary tax methods to help finance political campaigns,09373
voting and registration in election of Nov.1972, 04925
your government conducts an election, for you, on the job., 05689
Electric apparatus and appliances:
boxes, electrical components, Federal item identification guide, 05218
design criteria for mechanical, electric, and fluid system and component reliability, 07094
economics, organization, and planning of ship electrical installation production, USSR study, 11561
electric and electronic bases, holders, and supports, Federal item identification guide, 00261
electric housewares and fans, current industrial reports, 11326
electric percolators, consumer information, 06633
electrical equipment, Parker-Davis project, Boulder Canyon project, Yuma project, Lower Colorado region, field review of maintenance, 03723
electrical protective devices, Federal item identification guide, 00262
electrical/electronic groups, sets, and assemblies, Federal item identification guide, 05229
electronic receiving tubes and mounts, workers of Owensboro, Ky., plant of General Electric Co., Tariff Commission report, 08249
fittings, Federal item identification guide, 04277
labeling and minimum efficience standards–
hearings, 05125
labeling appliances with respect to comparative efficiency and provide for minimum standards in use of electricity, text and working draft of bill, 09201
miscellaneous electrical and electronic components, Federal item identification guide, 05233
post, electrical-mechanical equipment, Federal item identification guide, 05225
see also Refrigeration and refrigerating machinery.
Electric arc:
electric arc discharge damage to ion thruster grids, 11105
Electric batteries:
batteries used with law enforcement communications equipment, chargers and charging techniques, 05547
Federal item identification guide, 03271
Si-Au Schottky barrier nuclear battery, 02860

Electric batteries—Con.
solid polymer electrolyte fluorocarbon film in fuel cells, 08730
Electric bridges:
advanced capacitative oil debris monitor, 07183
Electric cables:
cable assemblies, electrical and electronics, Federal item identification guide, 03290, 06448
communication cables, USSR study, 03505
electrical cable cord, wire, and assemblies, Federal item identification guide, 01065
specifications and drawings for construction of buried cables and wires, 08196
Electric capacity, *see* Capacitance.
Electric circuit breakers:
circuit breaker, Federal item identification guide, 06420
sand particles, effects on small, intricate mechanical components, 06022
Electric circuits, *see* Circuits.
Electric coils:
coils and transformers, Federal item identification guide, 06438
windings, Federal item identification guide, 04302
Electric conductivity, *see* Electrochemistry.
Electric conductors:
superconducting ELF magnetic field sensors for submarine communications, 11705
see also Semiconductors.
Electric connectors, *see* Connectors (electric).
Electric cord:
cables, wiring and cords, terms and definitions, USSR study, 05512
electrical cable cord, wire, and assemblies, Federal item identification guide, 01065
Electric current converters:
converters, electrical, Federal item identification guide, 06442
Electric currents:
device for separation of bio-electrical signals during effect of high-frequency electric currents on organism, USSR study, 03492
extended periods of ripple current, evaluation of wet tantalum capacitors after exposure, 08713
reverse bias characteristics, effects of nuclear radiation on high-reliability silicon power diode, 04625
stray direct current effects at various current densities on corrosion of steel, 11209
Electric discharges:
capacitive discharges, magnetic probes and instrumentation, 05739
decomposition of hydrogen sulfide in, electrical discharge, 03563
discharge of superconducting storage device through inverter, USSR study, 03504
electric arc discharge damage to ion thruster grids, 11105
electrical discharge between coaxial copper electrodes in magnetic field, USSR study, 06762
Electric energy, *see* Electrical energy.
Electric engineering:
USSR and East Europe abstracts, 02725
Electric equipment, *see* Electric apparatus and appliances.
Electric fans:
electric housewares and fans, current industrial reports, 11326
Electric fields:
natural electrical field at sea, investigation, USSR study, 08656
Electric fuses:
Federal item identification guide, 05207
Electric generators:
model MHD generator U-02, stage 2 of experimental research, USSR study, 04544
potential for conversion of oil-fired and gas-fired electric generating units to use of coal, 01212
Electric heating:
electric heating tests of uranium dioxide external fuel configuration at emitter temperature of 1900 K, 08721
Electric insulation, *see* Insulation.
Electric lamps:
current industrial reports, 01846-7
Electric lighting, *see* Electricity.
Electric lines:
FCST (Federal Council for Science and Technology) energy R&D goals study, 00359
high voltage power transmission lines, determination of coronal ozone production, 04362, 07750
PLS (power, transmission lines, substations) listing, power facilities operated by Reclamation Bureau, 10395
Electric machinery, *see* Machinery.
Electric measuring instruments:
semiconductor measurement technology, 09517
Electric networks:
computer networking, quality service assurance approaches, 06921
network user information support, 06922
Electric plants, *see* Electric power plants.
Electric power, *see* Electricity.
Electric power distribution, *see* Electricity.
Electric power plants:
Columbia River and tributaries, power installation, Libby Reregulating Dam, Kootenai River, Mont., engineers report—
departmental edition, 01108
document edition, 00958
PLS listing, power facilities operated by Reclamation Bureau, 00618, 10395
San Gorgonio development project 344, Whitewater River, Calif., owned by Southern California Edison Company, water resources appraisal for hydroelectric licensing, evaluation report, 01206
staff report on monthly report of cost and quality of fuels for steam-electric plant, 02609
steam-electric plant air and water quality control data—
summary report, 05363
teacher's guide for environmental impact of electrical power generation, nuclear and fossil, minicourse for secondary schools and adult education, 04896
Electric pulses, *see* Pulses.
Electric relays:
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
relays, current industrial reports, 00068
Electric resistance:
airborne resistivity survey near Fairbanks, Alaska, 10810
electrical resistivity of electrolytic iron, and austenitic stainless steel, 08098

Electric resistance—Con.
ground resistivity survey in area of Tennessee-Tombigbee Waterway, 01105
low temperature coefficient of resistance and high gage factor in beryllium-doped silicon, 11128
surface resitivity measurements, detection and delineation of faults, 07995
Electric resistors:
capacitor-resistor, Federal item identification guide, 04290
Federal item identification guide, 03274
resistors, variable, Federal item identification guide, 00273
Electric substations:
defense, electrical substation, agreement, 00690
Electric switchgear:
automatic channel switching telegraph stations, USSR study, 07929
sensing switch, Federal item identification guide, 07597
switches, nonrotary, Federal item identification guide, 04280
switches, RF transmission line and waveguide, 04293
switches, sensing, Federal item identification guide, 05210
switchgear, switchboard apparatus, relays and industrial controls, current industrial reports, 00068
Electric transformers:
coils and transformers, Federal item identification guide, 06438
reflection coefficients for computer simulation of Loran C/D pulse propagation transforms, 00084
Electric utilities:
emergency preparedness progress in electric utility industry, 00279
Federal and State commission jurisdiction and regulation, 09204
performance profiles, private electric utilities in United States, 1963-70, statistical indicators of electric utility company performance, 01211
policy issues, 09939
potential for conversion of oil-fired and gas-fired electric generating units to use of coal, 01212
statistics of publicly owned electric utilities in U.S., 11508
use of coal, 01212
Electric waves, *see* Electomagnetic radiation.
Electric wire and wiring:
cables, wiring and cords, terms and definitions, USSR study, 05512
electrical cable cord, wire, and assemblies, Federal item identification guide, 01065
flatpack soldering to solder-leveled printed wiring boards, 07220
improved work directors for program instructions of fabricated assemblies, 07215
magnet-wire stripping, 08897
microelectronic ultrasonic wire bonding, semiconductor measurement technology, 05649
specifications and drawings for constructions of buried cables and wires, 08196
wire-bond electrical connections, methods for testing, 03643
Electrical energy:
application of electrical energy to culvert icing problems, laboratory study, 09982
Electrical Transmission and Systems, Technical Group on, *see* Technical Group on Electrical Transmission and Systems.
Electricity:
all electric homes, annual bills, 05362
annual work programs and budgets for rural electric distribution systems, 10399
Apollo experience report, electrical power distribution subsystem, 08741
Bonneville Power Administration, generation and sales statistics, 03929
circular footings on viscoelastic foundations, 01107
electric lighting fixtures, current industrial reports, 02873
electric power generation, advanced coal gasification system, 06118
electric power statistics, 01901
electric power system disturbance affecting Gulf Coast area of Southern Company system, 09303
electroreceptor system of Black Sea rays to perceive magnetic fields, USSR study, 09412
energy crisis has important implications for producers and consumers of electricity (address), 03972
Energy labeling act, text and description of working draft, 09201
energy research and development, problems and prospects, 05142
energy systems, mathematical methods of optimal planning development and use, 01347
environmental impact of electrical power generation, nuclear and fossil, minicourse, 00045
facts about electric rates, 08870
Federal power act, amend—
hearings, 01021
text, 01207
flight-type laminar radiator with Brayton power system, performance, 08738
geolectric characteristics of earth's crust and upper mantle, USSR study, 06771
geothermal resources, potential for production of electricity and heat energy—
hearings, 05147
magnetohydrodynamic generation of electric power, USSR study, 08662
mechanical, thermal, and electrical properties of selected polymers, compilation and evaluation, 03631
national electric rate book, 01208-10, 02339, 03343-6, 04409-13, 06619-22, 10033-4, 11509-11
potential uses for 400-Hz electrical power systems in mining, 11058
principal electric facilities in United States, map, 10035
rural electrification—
semi-annual, 00625
Rural electrification act, amend—
report, 00908
rural statistical bulletin—
semi-annual, 00625
rural, materials acceptable for use on systems of REA borrowers, list, 00624, 02250, 04727, 08193
rural, restore direct loan program—
report, 00908
sales statistics, TVA retail distribution, 01902
solar energy for terrestrial generation of electricity—
hearings, 04144

Electricity–Con.
TVA–
municipal and cooperative distributors, 1973 operations, 05880
power distributors, fiscal years 1969-73, statistics, 10473
typical bills, residential, commercial and industrial, 08567, 10032
underground power transmission research, appropriations, 1975–
hearings, 09813
underground power transmission research–hearings, 09815
Electroacoustics:
electroacoustic transducers, scattering-matrix description and near-field measurements, 10270
Electrochemistry:
electrochemical removal of heavy metals from acid mine drainage, 10845
thin-film sodium tungsten bronzes as solid alkali ion conductors, 08047
Electrodeposition:
of aluminum from ether-hydride solutions, 07221
Electrodes:
electrical discharge between coaxial copper electrodes in magnetic field, USSR study, 06762
implanting monopolar cortical electrodes in large laboratory animals, modified methods, 07957
materials for manufacture of open-cycle MHD generator electrodes, research, USSR study, 06769
Electrodialysis, *see* Dialysis.
Electroencephalogram:
air saturation diving with rats, effects on EEG and visually evoked cortical response, 07958
method for recording and analyzing EEGs and VERs from rats under hyperbaric conditions, 06824
Electroencephalography:
evoked responses and EEGs, measured during shallow saturation diving, 07962
Electrolysis:
extraction of molybdenum and rhenium from concentrates by electrooxidation, 03570
see also Electrochemistry.
Electrolytes:
adhesion of ice frozen from dilute electrolyte solutions, 09981
mineral and electrolyte responses following severe decompression stress, 03557
solid polymer electrolyte fluorocarbon film, properties, 08730
Electrolytic iron, *see* Iron.
Electromagnetic current meter:
evaluation, 10329
Electromagnetic fields:
central mechanism of action of electromagnetic fields, USSR study, 03516
electromagnetic beam fields, 08166
radio frequency and microwave electromagnetic fields effect on enzyme-substrate reaction in aqueous solutions and organic solvents, USSR study, 09409
see Magnetic fields.
Electromagnetic measurements:
electromagnetic metrology, current awareness service, abstracts of selected articles, 01903
Electromagnetic radiation:
biological hazards from exposure to ELF electrical fields and potentials, 05731
distribution of thin-shelled spheres by diameters, determination from scattering data, USSR study, 11016
effect of weld defects on RFI shielding effectiveness, 06493
effects of non-ionizing electromagnetic radiations, USSR study, 11004
electromagnetic shielding of structures, 07684
scattering and attenuation of electromagnetic radiation by atmospheric particles, 08083
Electromagnetism:
edge diffracted caustic fields, 11089
electromagnetism signalling in animate nature, USSR study, 11562
Electron accelerators, *see* Accelerators.
Electron beams:
acceleration of ions, by relativistic electron beam, USSR study, 03511
magnetic refocusing in linear-beam microwave tubes, 11143
Electron probe microanalysis:
FRAME, on-line correction procedure for quantitative electron probe microanalysis, 04639
infrared microanalysis for deducing formation history of ferromanganese deposits, 06979
Electron tubes:
and associated hardware, Federal item identification guide, 03287
electronic receiving tubes and mounts, workers of Owensboro, Ky., plant of General Electric Co., Tariff Commission report, 08249
Electronic circuits, *see* Circuits.
Electronic computers:
billing third generation computer users, method, 06896
computer equipment, global market survey, 03296
computer network user information support, 06922
computer networking, quality service assurance approaches, 06921
computer-aided space shuttle orbiter wing design study, 11124
computerizing labor market information in Japan, communication, 09442
experimental CMI system on the PDP 11/20, 07151
human force and motion-sensing mechanisms, modeling, 00030
hycomp-80-TM system for direct modeling of complex systems by method of considering groups of arguments, USSR study, 03500
integrated family, 03514
machine diagnosis and information retrieval in medicine in USSR, 01321
models of unified system, USSR study, 03529
network management problems and issues, review, 01427
nuclear reactor thermal transients during startup of 60-KWe Brayton power conversion system, digital computer study, 08720
parallel variable metric optimization algorithm to exploit parallel computing capabilities of computers, 06864
resource sharing computer networks, annotated bibliography, 03640
STAR adaption for 2 algorithms used on serial computers, 11102

Electronic computers—Con.
synchronous satellite time delay computer, 01420
UCLA health sciences computing facility, 08138
unified computer system of Socialist countries, USSR study, 05507
use of computers in CATV two-way communications systems technical requirements for broadband cable teleservices, 02894
user procedures standardization for network access, 03646
USSR and East Europe scientific abstracts, 02724
see also Electronic data processing systems.
Electronic counters:
proposed versatile photon counter system for laser radar, 03906
Electronic cross sections, *see* Cross sections.
Electronic data processing systems:
ADP security manual, 05196
Apollo experience report—
data management for postflight engineering evaluation, 11148
application of minicomputer to channel control problem, 03727
automatic data processing system and procedures computerized academic counseling system, 02828
automatic data processing system, industrial, scientific—
Federal item identification guide, 04318
billing third generation digital computer systems users, method, 06896
CAMAC serial system organization, description, 09703
critical path processing system, operations handbook, 06728
data communications system throughput performance using high speed terminals on dial telephone network, 01425
data processing installation review, management information systems, evaluation, checklist, 05997
data processing technology, 2-year post high school curriculum, 04345
defense integrated data system (DIDS)—
procedures manual, 03256-9, 04270-1, 05201-2, 06416, 08520
digital processing and FM/CW radar signals, 06980
digital-computer programs for analysis of ground-water flow, 00431
discussions on perfection of control, USSR study, 01345
Federal ADP activities, 06068
Federal information processing standards publications, FIPS pubs, 01418, 01966, 08753
fiscal and ADP handbook, mortgage insurance, HUD, 09359
inventory of automatic data processing equipment in United States government for fiscal year 1973, 04901
ITOS scanning radiometer, operational products available through digital processing of data, 06975
method for digitizing, preparing and using library tapes of ship stress and environment data, 03735
more competition needed in Federal procurement of automatic data processing equipment, GAO report, 10081
photochemical and rate data for 12 gas phase reactions for atmospheric chemistry, 06906
power O. and M. codes for ADP, 00619
proposed streamflow data program for California, 07864
selective digital computer signal systems, 06609
technological innovation in education, proposals, guide for preparation, 08794
TICUS 1, MARK 2, operation and maintenance manual, 06971
use of magnetically encoded cards and digital transmission in land mobile systems, 03987
user's guide to NODC's data services, 07722
see also Information storage and retrieval system.
Electronic equipment:
electric and electronic bases, holders, and supports, Federal item identification guide, 00261
electrical/electronic groups, sets, and assemblies, Federal item identification guide, 05229
electronics industry production and test equipment, export opportunities global market survey, 10148
miscellaneous electrical and electronic components Federal item identification guide, 05233
opto-electronic instruments for spacecraft, USSR study, 00504-5
selected electronic and associated products, current industrial reports, 02874
selected electronic components, shipments, 11319
U.S. international trade of communication and selected electronic products, calendar year 1967-72 consolidated tabulation, 00815
Electronic switches:
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
Electronics:
algorithms for controlling walking apparatus capable of overcoming obstacles, USSR study, 07925
electronic career ladder evaluation project, Air Force, aptitude requirements study, 07144
electronic technology reprints, 05645
microelectronic ultrasonic wire bonding, semiconductor measurement technology, 05649
naval shore electronics criteria, naval communications station design, 08810
USSR and East Europe abstracts, 02725
see also Electronics equipment.
Electronics mechanics:
prediction of aerospace ground equipment course grades, battery of performance tests, validation, 07143
Electrons:
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
auger-electron spectroscopy analysis, fracture surfaces, irradiated pressure-vessel steels, 10360
population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas with large parameter gradients, USSR study, 05521

Electrons—Con.
powerful relativistic defense tubular electron fluxes, gyromagnetic compression, USSR study, 01340
resonances in electron impact on atoms and diatomic molecules, 03635
Electrooptics:
mass spectrometry and inhomogeneous ion electrooptics, 08020
Electrophoresis:
demonstration on Apollo 16, 11659
electrophoresis patterns of needle enzymes in longleaf and sonderegger pines, 00402
Florida phosphate slimes, electrophoresis and coagulation, studies, 07990
fractionation and characterization of natural organic matter from certain rivers and soils by free-flow electrophoresis, 02182
Electrophysiology, *see* Physiology.
Electroplaters:
treating electroplaters cyanide waste by electrodialysis, 07739
Electrostatics:
cylindrical electrostatic probes at arbitrary in flowing plasma, 09511
warm fog modification by electrostatically charged particles, Project Foggy Cloud, 08177
Electrotechnology:
weekly Government abstracts, 02768
Elementary education:
Elementary and secondary education act amend—
hearings, 00236, 04094-5, 07554-5
report, 08362
Elementary and secondary education act, amend and extend—
hearings, 00926, 06397
Elementary and secondary education act, amendments of 1973—
hearings, 06396, 07555
elementary and secondary education programs, amend and extend certain acts—
report, 10739
improving elementary and secondary education in natural sciences, social sciences, mathematics, 10340
nonpublic elementary schools, 1970-71, statistics, 04349
Elementary schools:
elementary schools under Fair labor standards act, 05906
Elements:
elements of outer planets for one million years, 08164
Elements (chemical), *see* Chemical elements.
Elevators:
conveyors and elevators, Federal item identification guide, 00260
ELF (extremely low frequency), *see* Frequency band.
Elizabeth City, N.C.:
flood plain information, 07694
floods, 06513
Elk Hills naval petroleum reserve:
production of petroleum, authorize—
hearings, 05115
increasing production, 04043
report, 06349
Ellenville, N.Y.:
south Ellenville flood control project, Rondout Creek basin, New York, hydraulic model investigation, 10819
Elligraw Bayou:
floods on North Creek, South Creek, Catfish Creek, Clower Creek, Elligraw Bayou, Matheny Creek, Sarasota County, Fla., 00308
Ellsberg, Daniel:
alleged involvement of Central Intelligence Agency in Ellsberg matters, 06276
Elm:
annotated list of Cicadellidae and Fulgoridae of elm, 10071, 08595
Elmira, N.Y.:
hearings to investigate adequacy and effectiveness of Federal disaster relief legislation, 01051
Elson, Edward L.:
prayers offered in Senate, 92d Congress print as Senate document—
report, 03093, 03178
Embargo:
food as response to present Arab oil boycott, data and analysis, 06234
implementation of U.S. arms embargo against Portugal and South Africa—
hearings, 00928
nontariff trade barriers, Tariff Commission report, 11268
Embassies, *see* Foreign service.
Emblems:
new coinage design and date emblematic of Bicentennial of American Revolution—
law, 02948
report, 03015, 04052
Embrittlement, *see* Fracture of metals.
Emergencies:
walk-in emergency mental health services, directory, 06956
see Accidents—Disasters.
Emergency Loan Guarantee Board:
annual report, 00298
Emergency powers, *see* National defense—War and emergency powers.
Emergency Preparedness Office:
appropriations, 1974—
amendments, proposal, 06209
press releases, 02457
Emigration, *see* Immigration and emigration.
Emission:
air pollutant emissions engineering source evaluation of ammonia oxidation plant, 09986
air pollution aspects of emission sources primary copper production, bibliography with abstracts, 00725
aircraft emissions, impact on air quality and feasibility of control, 09664
atmospheric emissions from asphalt industry, 06562
atmospheric emissions from petroleum refining industry, 03320
atmospheric emissions from pulp and paper manufacturing industry, 06537
auto emission standards, impact, 04259
compilation of air pollutant emission factors, 03878, 05960
comprehensive data handling system (CDHS), emissions inventory subsystem users guide, 07134
contaminant emissions model and inventory for Los Angeles, 09279
controlling pollution emissions from residual-oil-fired boilers, effectiveness of selected fuel additives, 04361
conventional combustion emission sources—
iron and steel industry, 05331

Emission–Con.
primary aluminum industry, systems study, 05330
economic comparison of point-source controls and emission density zoning for air quality management, 08541
emission study of industrial sources of lead air pollutants, 00025
emissions and control technologies in graphic arts industries, evaluation, 03883
emissions control in grain and feed industry, engineering and cost study, 07133
emissions from combustion equipment for space heating (data supplement), field investigation, 04371
evaluation of measurement methods and instrumentation for odorous compounds in stationary sources, field testing, 01168
evaluation of monitoring methods and instrumentation for hydrocarbons and carbon monoxide in stationary source, emissions, 01166
experimental combustor for development of package boiler emission control techniques, 01173
field investigation of emissions from combustion equipment for space heating, 01167
flame emission determination of phosphorus in water, 01163
instrumentation for measurement of particulate emissions from combustion sources, 07742
light emitting diode testing and analysis, 02851
motor vehicle emission estimation, interim report, 04378
national air monitoring program, air quality and emission trends, 06582-3
national emissions inventory of sources and emissions of chromium, 08549
national emissions inventory of sources and emissions of magnesium, 08550
national emissions inventory of sources and emissions of molybdenum, 08551
national emissions inventory of sources and emissions of silver, 08552
non-coherent model for microwave emissions and backscattering from sea surface, 03590
odors emitted from raw and digested sewage sludge, 07767
particle size effects on optical properties and surface roughness of glass-balloon-filled black paint, 11138
particulate emissions from alfalfa dehydrating plants, control costs and effectiveness, 06563
program for reduction of NOx from tangential coal-fired boilers, phase I, 00331
soft x-ray emission spectra of metallic solids, 09515
State air data information survey, 07781
stationary source aldehyde, organic acid, and amine emissions, development of instrumentation for measurement, 05324
stationary source emissions, instrumentation for monitoring specific particulate substances, 10832
stationary-source monitoring systems for gases and visible emissions, 07749
vapors emitted from military mines, analysis, 07677
see also Exhaust emissions–Radiation emission.
Emittance, *see* Emission.
Emitters:
electrical heating tests of uranium dioxide external fuel configuration at emitter temperture of 1900 K, 08721
thermionic performance of variable-gap cesium diminiode with 110-single crystal tungsten emitter and polycrystalline-niobium collector, 11098
EML, *see* Experimental Meteorology Laboratory.
Emmet County, Mich.:
soil survey report, 10430
Emmons, Ossie and others:
relief, 03119, 04978
Emotions:
cortical evoked potentials to subliminal emotional words, USSR study, 11566
Employed mothers, *see* Mothers.
Employee benefit plans:
comparisons of major employee benefits programs, 00943
employee benefit programs, low-rent housing administration of program guide, 10110
employee pension and welfare benefit plan, statements of interested organizations and individuals, 09132
employee pension and welfare benefit plan, strengthen and improve protection and interests of participants–
report, 10620
Employee security benefit act–
summary of differences between Senate and House versions of H.R.2, 09735
strengthen and improve protection and interests of participants, summary Senate bill, 09206
see also Pensions.
Employee pensions, *see* Pensions.
Employee suggestions, *see* Suggestion systems.
Employee training:
administration of training, 06115
Federal employees, eliminate reporting requirements–
law, 04011
report, 03212
Federal trainer, 02011
implications for training, agency work contexts, study, 08840
Employees:
air carriers, free or reduced rate transportation–
report, 03207
benefit security in private retirement systems–
fiduciary and enforcement, 10592
report, 05032
termination insurance, reporting and disclosure, 10591
benefits, code of Federal regulations, 09310
civil service retirement deductions, revision–
report, 02983
diplomatic missions, list, 01904
employee compensation and payroll hours, department stores, 06809
extend coverage of Fair labor standards act to include additional employees–
law, 10570
extension of NLRA to nonprofit hospital employees–
report, 11388
State civil service employee associations, 09438
withholding taxes from your employee's wages, 04527
see also Government officials and employees–Office employees–Railroad employees.

Employees pensions, *see* Pensions.
Employees' Compensation Appeals Board:
decisions, 07670
Employer-employee relations, *see* Industrial relations.
Employers:
affirmative action and equal employment, guidebook, 07786
equal opportunity in housing, manual for corporate employers, 10963
records to be kept by employers under Fair labor standards act, 08265
Employers' liability and workmen's compensation:
disabled Federal employees, need for faster way to pay compensation claims, 06690
Federal employees compensation act, amend–
hearings, 06288
report, 10659
Federal employees' compensation act and related provisions, 05355
National Commission on State Workmen's Compensation Laws, supplemental studies, 04654
National workers' compensation standards act of 1973, committee print, print additional copies–
report, 11418
workmen's compensation payments and costs, 1972–
report, 08207
Employment:
area trends in employment and unemployment, 01654
Comprehensive employment and training act, fiscal activities guide, 11024
do you want summer job? tips on how to find one, 06794
EDA, building communities with jobs, 09258
Emergency employment act, cost studies of operational procedures, 09228
employment and earnings (periodical), 01905
employment profiles of selected low-income areas,errata sheet, 00759
employment situation, monthly release, 01907
equal employment opportunity act–
implications for public employers, 10553
Federal–
Federal job information centers, directory, 06113
Federal equal opportunity, newsletter, 01922
geographic profile of employment and unemployment, 01362
Government employment GE series, 04933
guide to job placement of mentally retarded, 10372
help the environment and help yourself, summer employment information, 08637
hiring persons with hearing impairments, 05758
if you're self-employed, reporting your income for social security, 03739
impact of Federal policies on employment, poverty, and other programs–
hearings, 00235, 04237-8, 06399
increased opportunities in Government for persons unable to work standard working hours–
hearings, 05173
Job security assistance act, material relating to administration proposal, 09862
job-creating program, economic development districts, 11451
journey to work, 03938
labor trends, 1960-70, Tennessee Valley's forest industries, 08255
management information systems guide for prime sponsors under Comprehensive employment and training act, 11025
maritime manpower report, seafaring, longshore and shipyard employment, 02276
minority group employment in Federal Government, 00075
Northwest forest industries, 02501
office assistant and related positions, opportunities, 06107
Office of Equal Employment Opportunity, student discussion guide, 11578
opportunities for employment and training to unemployed and underemployed persons–
hearings, 07395
law, 06169
report, 04073, 04076, 09144
scientists and engineers, 00527
self-employment tax, information, 04514
service and taxable compensation, 1971, statistical tables, 00613
State and local governement, 02610
summer, veterinarian trainee, 00802
three-State Delmarva district works to creat jobs, preserve culture, 10805
toward fair employment and EEOC, study of compliance procedures unde title of Civil rights act of 1964, 03327
WIN/PSE, creating jobs in public service, 04574
women workers today, 04766
women, Federal Government, 1972, study, 04955
workers covered by State unemployment insurance laws, quarterly summary, 01906
see also Civil service-Discrimination in employment-Government officials and employees–Manpower–Occupations–Work.
Employment of the Handicapped, President's Committee on, *see* President's Committee on Employment of the Handicapped.
Employment security offices, *see* Unemployment insurance.
Employment taxes:
bulletin, index-digest system service, 01685, 06735-6, 10135
IRS looseleaf regulation system, 02261, 06740
Encephalomyelitis:
VEE of horses, disease on the move, 00014
Enclosures:
Army helicopter transparent enclosures, development of design, test, and acceptance criteria, 07186
design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
thermal radiation heat transfer exchange, 04616
Encoders:
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
Endocrines, *see* Endocrinology.
Endocrinology:
circadian, endocrine, and metabolic effects of prolonged bedrest, studies, 11107
index (periodical), 01909
Energy, *see* Atomic energy–Electrical energy–Electricity–Force and energy–Geothermal energy–Power resources–Radiant–energy–Thermal energy.
Energy
Development Administration–Federal Energy Administration.

Energy and Natural Resources Department:
establish–
hearings, 04104, 05137
proposed legislation, 05019
Energy conservation, *see* Power resources.
Energy Conservation Office:
establish–
hearing, 00225
report, 03166, 05097
Energy conversion:
ocean thermal energy conversion, research, program solicitation, 90565
Energy Department, *see* Energy and Natural Resources Department.
Energy dispersion:
on relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
Energy Emergency Administration, *see* Federal Energy Emergency Administration.
Energy Office, *see* Energy Conservation Office.
Energy Research and Development Administration:
establish–
hearings, 04104, 05067, 05137
proposed legislation, 05019
report, 08463
Energy resources, *see* Power resources.
Enforcement of law, *see* Law enforcement.
Engine fuel, *see* Fuel.
Engineering:
aerial remote sensing in coastal engineering, annotated bibliography, 07672
air pollution engineering manual, 00022
Army aviation RDT&E plan, 02839
aspects, power plant cooling systems, environmental impact, 07755
biomedical technology & engineering, weekly Government abstracts, 02762
construction cost engineering and computation state of the art, 07681
control systems, USSR study, 00499
criteria for rock, systematic determination, 09987
curricula alternatives in higher education, proposals, guide for preparation, 08790
design, and construction methods of Harold D. Roberts Tunnel, Colorado, 07862
design handbook, 00736
engineering and construction manual for instrument to make burn hazard measurements in consumer products, 08104
engineering and cost study, emissions control in grain and feed industry, 07133
engineering and design, food service facilities, 03918
exploration of Naval Petroleum Reserve No.4 and adjacent areas–
northern Alaska, 1944-53, 05432
facilities engineering, base operations, maintenance and minor construction, Army National Guard, 08114
fire protection engineer, design manual, 06996
hydrologic engineering methods for water resources development, hydrograph analysis, 05310
journal of research, National Bureau of Standards, 02198
mechanical, industrial, civil and marine, application of modern technologies to international development, list of–
reports, 01650
MHD power plant in power engineering, USSR study, 08644
new materials in engineering, USSR study, 07914
oceanic air traffic control automation, engineering and development program plan, 09295
report FAA-ED series, 09295
salinity problems of organisms in coastal areas subject to effect of engineering works, 07712
seismic refraction exploration for engineering site investigations, 06532
surveys, maps, and construction plans, planning for emergency construction, 06006
technician education program, 08798
trends in science and technology and their implication for engineering education (remarks), 02896
USSR and East Europe scientific abstracts, 02726
see also Aeronautical engineering–Flight engineering–Industrial engineering–Mining engineering–Nuclear engineering.
Engineering and Research Center:
REC-ERC series, 00620, 03724-9, 04724, 08825-6, 09601-2
Engineering equipment:
engineer design tests of modified dust-control materials and prototype equipment, 06531
USSR and East Europe scientific abstracts, 02726
Engineering geology:
engineering geology of Harold D. Roberts Tunnel, Colorado, 07862
Engineering psychology:
all-Union scientific meeting on Radio Day, 01338
barometer of control for interrelationship between cybernetics and engineering psychology, USSR study, 06790
engineering-psychology experiment and its instrumentation, problem, USSR study, 07917
Engineers:
architect-engineer contract with Defense Dept., how to obtain consideration, 04324
Coast Guard engineer's digest (periodical), 01771
employment of sientists and engineers, 00527
engineer (periodical), 01911
engineering and scientific occupational groups, selected characteristics, 03686
engineering manpower management, bibliography, 07313
Federal scientific and technical personnel in 1972, 10344
immigration of scientists and engineers drops sharply in fiscal year 1973, 11196
reemployment assistance unemployed, because of aerospace and defense cutbacks, GAO review, 06693
research and development in industry, 1971 funds, engineers, Jan. 1972, report, 03681
scientists and engineers engaged in research and development activities, compensation paid, national survey, report, 04895
training courses in conservation/restoration, International Centre for Study of Preservation and Restoration of Cultural Property, 04771
see also Civil engineers.
Engineers Corps, Army:
appropriations, 1974–
hearings, 01014
EP series, 01111

Engineers Corps, Army—Con.
press releases, Arkansas River Water Basin news, 02458
public works appropriations, 1974—hearings, 03245
waiving points of order, report, 02969
public works appropriations, 1975—hearings, 10683
report, 1972, civil works activities—departmental edition, 09265
document edition, 09013
Engines:
durability of advanced emission controls for gasoline fueled engines, 08545
emission controls for heavy duty diesel and gasoline fueled engines, durability of advanced type, 08545
engine electrical system components, Federal item identification guide, 01071
engines, turbines, and components, Federal item identification guide, 05236
exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, 00023
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
low pollution power systems development for rankine, combustion, and gas turbine engines, 01176
Rankine cycle, condenser and fan development, 11475
rapid deployment, redeployment, and retrograde procedures, engines, turbines and components, 06008
spark ignition engines, history and future, 04258
stratified charge engine (SCE) concept, evaluation, 03882
truck noise, acoustic and performance test comparison of initial quieted truck with contemporary production trucks, 07084
see also Diesel engines—Turbines.
Engines (aircraft):
acoustic suppressors for fans of high bypass turbofan engines, 08026
acoustically lined ejector technology development for multitube jet noise suppressor nozzles by engine tests, 11086
advanced engine control program, 07194
advanced torque measurement systems technique for aircraft turboshaft engines, 04875
aerodynamic drag and fuel spreading measurements in simulated scramjet combustion module, 11668
airworthiness standards, Federal aviation regulations, 01945
cold-air investigation of turbine for high-temperature-engine application, 11663
control of emissions from light piston-engine aircraft, 05962
core turbine rotor blade in two-dimensional cascade, incidence, loss, 09493
cruise performance of isolated pressure ratio turbofan propulsion system simulator, 11656
current industrial reports, 01846
drag and distribution, measurements of single-element fuel injectors for scramjet supersonic combustors, 10224
effects of slot spoilers on aerodynamic characteristics of light twin-engine airplane, full-scale wind-tunnel investigation, 01406
exhaust emission measurements from T 53 and T 55 gas turbine combustor, 10513
fail-operational control of turbojet engine, self-teaching digital computer program, 10227
feasibility of tapered roller bearings for mainshaft engine applications, 06017
feasibility test with jet engine data, human resources sensitivity to system design tradeoff alternatives, 09667
flight monitor for jet engine disk cracks and use of critical length criterion of fracture mechanics, 06887
flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
influence of wing loading on turbofan powered STOL transports with and without externally blown flaps, 03588
low-thrust engines for interplanetary flights, 06786
multiengine airplane class and type ratings, flight test guide, 01230
numerical simulation of noise propagation in jet engine ducts, 04623
optical measurement of hydroxyl radical profiles in hydrogen-fueled supersonic combustor, 08746, 09490
quiet turbofan STOL aircraft for short-haul transportation, 08029-30
problems in managing development of aircraft engines, GAO report, 10935
strut fuel injectors for supersonic combustion ramjet engines, 08076
subsonic inlet diffuser geometries for engine nacelles, boundary-layer analysis, 08732
turbine engine fuel control reliability and maintainability analysis, 04879
turbojet or turbofan engine dynamics, HYDES, generalized hybrid computer program for studying, 11654
turbulent flow in flexible pipes and ramjet engines, USSR study, 04540
type certificate data sheets and specifications, 01629
ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame, 11259
see also Rockets-Turbines.
Engraver beetles, *see* Beetles.
Engraving and Printing Bureau:
financial statements, 1972-73, GAO examination, 08602, 09338
Enlisted men, *see* Air Force.
Enlisted personnel, *see* Air Force.
Enlistment, *see* Recruiting and enlistment.
Enrico Fermi Atomic Power Plant:
aerial radiological measuring system, 06027
Enrollment, *see* Colleges and universities.
Enterprises, *see* Business.
Enthalpy:
low-temperature heat capacity and high-temperature enthalpy of $TiAl_3$, 11630
Entrepreneur:
entrepreneurial control in farming, 06474
Entry into atmosphere, *see* Atmospheric entry.
Envelopes:
airmail, thirteen-cents embossed envelope (poster), 03821

564-800 O - 75 - 13

Envelopes–Con.
bags, envelopes and shipping sacks, Federal item identification guide, 07605
Liberty bell, 10-cent embossed envelope (poster), 03819
Environment:
ACCESS, Santa Barbara Regional Pilot Process, 10335
aesthetics in environmental planning, 07776
agriculture-environmental and consumer protection programs, appropriations, 1974–
law, 04985
agriculture-environmental and consumer protection, appropriations, 1974–
report, 03014, 06224
agriculture, environmental and consumer protection appropriations, 1975–
hearings, 07386, 09046-7, 09801
report, 10675
aircraft investigation of turbulence in lower layers of marine boundary layer, 10326
alternative futures and environmental quality, working papers, 05339
assessment of environmental radioactivity in vicinity of Shippingport Atomic Power Station, 07011
beyond brushfires (address), 06538
bibliography of social science and related literature, 07778
burning of solids in oxygen-rich environments in normal and reduced gravity, 10228
calendar of environmental meetings, quarterly, 02516
comprehensive planning series, 07727
comprehensive resource and environmental management planning, 07016
conservation and development of our Nation's fish and wildlife resources, environmental quality, and oceanography, compilation of Federal laws, 00153
considerations in highway design, location, construction and operation, 06606
controlled environment agriculture, global review of greenhouse food production, 04341
controlled evaluation of reactive environmental simulation model (REM), 05321
cycling and control of metals, 01149
dispersion in hydrologic and coastal environments, 06542
ear and hearing in aquatic and dysbaric environments, 08691
employee-attitude and office environment analyses for development of human and architectural requirements, 09985
energy and environment (address), 07732
energy and environmental objectives–
hearings, 08481
energy from oil shale, environmental aspects, 08439
Energy supply and environmental coordination act of 1974–
report, 08373
energy, environment, and education (remarks), 08326
environment data and ship stress, method for digitizing, preparing and using library tapes for theses, 03735
environmental analysis of uranium fuel cycle, 05762-4
environmental and consumer protection appropriations, 1975–
hearings, 09800
environmental applications of advanced instrumental analyses, assistance projects, 04366
environmental bibliography, 07733
environmental conditions within specified geographical regions offshore–
east and west coasts of United Stes and in Gulf of Mexico, 00322
environmental control system, spacelab phase B study, component handbook, 10232
environmental court system, Attorney General's report on feasibility of establishing, 05553
Environmental Data Service (periodical), 01914
environmental education act, amend–
report, 09896
Environmental education act, amendments–
hearings, 00128
Environmental education act, extend–
law, 10577
report, 03051
environmental education projects, brief description, 05288
environmental evaluation of uranium and vanadium milling operations at Edgemont, S. Dak., 10873
environmental exchange, beginning, President's Environmental Merit Awards Program, 07734
environmental facts, 01915
environmental hazards and systems schools, 09970
environmental health effects research series, 05320, 07735, 10827-8
environmental health series, water supply and pollution control, 10379, 11723-5
environmental impact of electrical power generation, nuclear and fossil, minicourse, 00045
environmental impact statement, ocean outfalls and other methods of treated wastewater disposal in southeast Florida, 01180
environmental impact statements, 102 monitor (periodical), 02403
environmental impact statements, power plant cooling systems, engineering aspects, 07755
environmental information systems directory, 01154
environmental management, career profiles, 04428
environmental management, importance of local initiative (address), 10852
environmental modification as weapon of war, prohibit–
report, 00987
environmental monitoring at major Atomic Energy Commission contractor sites, 06060
environmental monitoring series, 00328-30, 01155-7, 05321-3, 06552, 07736, 09278-81, 09993-5, 10829-30
environmental news, 01916
environmental noise assessment, Waco, Tex., 11479
environmental programs help available, list , 08279
environmental protection, 1971, 09285
environmental protection technology series, 00331-45, 01159-73, 03320-1, 04360-74, 05324-31, 06553-75, 07738-70, 09282-4, 09996-9, 10831-46, 11480-2
environmental quality as it relates to health, selected references, 02585

Environment–Con.
environmental quality research and development, Federal programs, 11226
Environmental Radioactivity Laboratory intercomparison studies program, 09994
environmental realities, playing kit, 04268
environmental research publications, 04375
environmental satellite imagery, 02202
environmental science, patterns and perspectives, 03680
environmental standards, impact on small business, asphalt–
hearings, 09120
environmental survey of transportation of radioactive materials, 00752
Expo '74, preserve environment, 10-cent stamp (poster), 10478
fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, study, 03597
Federal outdoor recreation program and recreation-related environmental programs, digest, 03695
final environmental statement for geothermal leasing program–
comments from Federal, State, local and individual interests, 01309
promulgation of leasing and operating regulations for geothermal leasing program, 04503
proposed leasing and operating regulations, comments and responses, 03438
final environmental statement for prototype oil-shale leasing program, 01310-3
flammability, odor and offgassing requirements and test procedures for materials in environments that support combustion, 11084
forest and rangeland environmental management act, 06266
friction behavior of glass and metals in contact with glass in various environments, 08068
fun with environment, 01175
future of environmental controls in agriculture (address), 10850
future pollution problems, development of predictions, 10860
gaseous diffusion plant, environmental effects of construction and operation, 07236
general pollution control, legal compilation, statutes and legislative history, executive orders, regulations, guidelines and reports, 07772
Grania, code for analysis of climatic effects on natural environmental gamma-ray exposure rates, 08898
growth and its implications for future resources, environment and food supply–
hearings, 09104, 10710
highway and its environment, 5th annual awards, 03338
improving environment in Pennsylvania, progress report, 01557
improving our environment, research from outer space, 04599
improving the environment, resources conservation in Vermont, 03745
International Exposition on Environment, Spokane, Wash., commemorative medals, authorize–
law, 10565
report, 02994, 10729
it's your world, take care of it (poster), 06580
Kahului Harbor, west breakwater repair, final environmental statement, 00315
land use and environment, anthology of readings, 07727
large screen display in automated oceanic ATC, air traffic control, environment, evaluation, 11256
legal aspects of manned spaceflight and remote sensing of environment, USSR study, 06770
legal compilation, statutes and legislative history, executive orders, regulations, guidelines and reports–
air pollution, 05333
lidar studies of stack plumes in rural and urban environments, 06552
marine environment, conservation in world oceans, USSR study, 04543
marine environmental prediction, Federal plan, 04679
material needs and environment, today and tomorrow, final report–
hearings, 05148
mercury in environment, 07752
Midwest, Environmental Protection Agency activities, 06550
MSFC sortie spacelab environmental control system (ECS) phase B, 10233
national conference on managing environment, final conference report, 10849
National environmental policy act of 1969, environmental indices, status of development, 07531
National forest environmental management act–
hearings, 08468
national program for continuing environmental monitoring for marine leg of Trans-Alaska pipeline system, 06973
new focus for land-use planning, 06992
news of environmental research in Cincinnati, 09286-90
NOAA products and services pertaining to New York Bight, 09555
noise, legal compilation of statutes and legislative history, executive orders, etc., 03322, 03324
oil spill, Long Island Sound, March 21, 1972, environmental effects, 00708
Outer Continental Shelf oil and gas general lease sale, offshore Texas, 1974 proposal, 10165
pesticides, legal compilation of statutes and legislative history, executive orders, etc., 03323-4
promoting environmental quality through urban planning and control, 01181
proposed 1974 Outer Continental Shelf, oil and gas general lease sale, offshore Texas, 11588
protecting concepts, beef cattle feedlot wastes management, 06551
protection of environment, code of Federal regulations, 10913
resource scarcity, economic growth, and environment–
hearings, 09738
roadway environmental data subsystem, standard data elements and coding, State traffic records systems design manual, 01443
selected publications on environment, list, children's edition, 01148
ship stress and environment data, computer programs for digitizing and using of library tapes, 07027
simulated space environment effects on Skylab parasol material, 10220

Environment—Con.
simulation of thermal systems of space vehicle and its environment, 03620
socioeconomic environmental studies series, 01185-9, 04380, 05337-8, 10001-2, 10859-60
soldier and his world, human self-development, 06001
State agencies engaged in environmental control and monitoring, directory, 06541
State and local environmental libraries, directory, 01190
State and regional environmental centers—
establish and assist, hearing, 04218
strategic environmental assessment system (SEAS), (address), 00352
teacher's guide for environmental impact of electrical power generation, nuclear and fossil, minicourse for secondary schools and adult education, 04896
teaching materials for environmental education, 01243
towared cleaner aquatic environment, 01191
toxaphene status report, 10878
United Nations program, U.S. participation, provide—
law, 04029
report, 03086, 03231
USAEC environmental research and development, summaries, 03926
Virginia Capes operating area, guide, 05723
water, legal compilation of statutes and legislative history, executive orders, etc., 03324
Western Environmental Research Laboratory, annual report, 10881
world environmental quality, challenge to international community, 03767
Environment, National Conference on Managing, *see* National Conference on Managing Environment.
Environmental control systems, *see* Control systems.
Environmental Financing Authority:
appropriations, 1974—
report, 06224
Environmental health, *see* Health.
Environmental pollution, *see* Pollution.
Environmental Protection Agency:
abatement and pollution control training and educational programs, 04354
Administrator, decision regarding suspension of 1975 auto emission standards—
hearings, 01052
alkali scrubbing test facility, sodium carbonate and limestone test results,, 01160
annual report of administrator to Congress, cost of clean air, 05095
appropriations, 1974—
report, 06224
appropriations, 1975—
energy research and development, report, 08371
hearings, 09800
awards register, grants assistance programs, 08543
budget oversight hearings, staff report, 00242
budget request, 1975—
hearings, 10793
clean water, report to Congress on Federal water pollution control act, 05317
cleaning North America's inland seas, Federal water pollution research and demonstration programs on Great Lakes, GAO report, 06695
comprehensive planning series, 07727
current laws, statutes and executive orders, 1973 up-date, 04357
DC pilot plant for water pollution control, 09286
environmental facts, 01915
environmental news, 01916
EPA bulletin, 01917
EPA citizens' bulletin, 01918
EPA compendium of registered pesticides—
fungicides and nematicides, 00605, 01919, 10370, 11716
insecticides, acaricides, molluscicides and anti-fouling compounds, 00606, 01920, 10371
rodenticides and mammal, bird and fish toxicants, 01921, 01534
EPA needs survey by States for construction costs of waste water treatment plants—
hearings, 08430
EPA pollution regulations and fuel shortage, impact on mass transit—
hearings, 00123
EPA reports bibliography, EPA reports available from National Technical Information Service, 00346
EPA Technology Transfer seminar publication, 08868
EPA's position on health effects of airborne lead, 10847
Federal assistance programs, 00347
grants administration manual, 02071, 04376
improved Federal and State programs needed to insure purity and safety of drinking water, GAO report, 06683
library holdings, nonperiodical Federal solid waste program, 09292
monitoring programs, 07737
monitoring-related program plans, FY 1974, summary, 10865
National air monitoring program—
air quality and emissions trends, 06582-3
needs survey, 05183
pesticides, actions needed to protect consumer from defective products, GAO report, 10082
poster, 06580, 06595
program planning task force for health effects reseach, report, 1973, fiscal year, 01182
public advisory committees, authority,structure, functions, etc., 01158
publication AP series, 03878-9
publication APTD series, 03880-3, 05961-2, 07134
region V public report, 02533
SA/TSB series, 10866-76
technical reports, 00353, 10003-7
telephone directory, 04385
thermal discharge report, 09241-2
translated non-English material of potential interest to Environmental Protection Agency, list, 10858
water pollution control manpower development and training activities report, 08515
water quality numerical criteria, comparison of NTAC, NAS and proposed EPA, 11474
youth action programs in EPA, 10882
Environmental Quality Committee:
Young Lawyers Section, American Bar Association, State land use programs, 08496
Environmental Quality Office:
appropriations, 1974, increase—
hearings, 09848
Environmental Quality Sensors Conference, *see* Conference on Environmental Quality Sensors.

Environmental Quality, Council on, *see* Council on Environmental Quality.
Environmental Radioactivity Laboratory:
intercomparison studies program, 09994
Environmental Research Centers, National, *see* National Environmental Research Centers.
Enzymes:
electrophoresis patterns of needle enzymes in longleaf and sonderegger pines, 00402
making fish protein concenrtates by enzymatic hydrolysis, 01484
radio-frequency and microwave substrate reaction in aqueous solutions and organic solvents, USSR study, 09478
Eocene period:
Eocene rocks and oil yields of Green River oil shales on part of Kinney Rim, Washakie Basin, Wyo., geology, 03561
four newly named tongues of Eocene Green River formation, northern Piceance Creek basin, Colo., 05424
EP series, *see* National Aeronautics and Space Administration.
EPA, *see* Environmental Protection Agency.
Ephemerides:
ephemera of sun, Polaris, and other selected stars, 11587
NWI precision ephemeris, 05744
Epicormic branching, *see* Branching (botany).
Epidemiology:
botulism in United States, 1889-1973, 09584
current bibliography of epidemiology, guide to literature of epidemiology, preventive medicine, and public health, 01833
epidemiologic characteristics of morbidity in USSR population, 05508
epidemiological investigation of cardiovascular diseases, Framingham study, 01466, 08136
epidemiological study of narcotics abuse, agreement with Mexico, 07058
epilepsy, workshop, 01464
world epidemiology review, 02794
Epilepsy:
epidemiology, workshop, 01464
hope through research, Spanish edition, 03663
Epiphytotics:
use of mathematical methods to predict epiphytotic disease, USSR study, 06789
Epitaxial deposition:
epitaxial growth of 6H silicon carbide in temperature range 1320°-1390°C, 08074
Epizootology:
epizootological forecasts, some models, USSR study, 00498
Epoxy resin, *see* Resins.
EPS, *see* Executive Protective Service.
Equal employment opportunity, *see* Discrimination in employment.
Equal Employment Opportunity Commission:
appropriations, 1974–
hearings, 00198
report, 02967, 06229
appropriations, 1975–
hearings, 10679
toward fair employment and EEOC, study of compliance procedures under title of Civil rights act of 1964, 03327
Equal Employment Opportunity Office:
student discussion guide, 11578
Equal pay for equal work, *see* Women.
Equations:
analysis of rolling motion of finned missiles at large angles of attack, 05729
application of boundary integral method to elastic analysis of V-notched beams, 04626
boundary integral method, application to elastoplastic analysis of V-notched beams, 10254
boundary-integral methods in elasticity and plasticity, 06879
development of vehicle performance prediction equations, study of trafficability of soils, 10816
differential equations, advanced methods for solution, 03594
ductile fracture equation for high-strength structural metals, 04696
equations for designing ammoniacal scrubbers to remove sulfur oxides from waste gas, evaluations, 11480
hypsometric, investigation of errors introduced into meteorological calculations through use, of, 03902
inclusion of known integrals in optimal trajectory problem, 08078
local linearization algorithm for integration of quaternion rate equations in real-time flight simulation problems, 06866
magnetic probes and instrumentation of capacitive discharges, 05739
mechanization equations for aided inertial navigation systems, 04610
non-linear behavior of fiber composition laminates, 09479
numerical integration of continuity equations, urban air shed photochemical, simulation model study, 05323
numerical marching techniques for difference equations for fluid flows with heat transfer, 06847
Prandtl-Meyer supersonic flows, machine calculation, 05745
preliminary equation system describing effect of stacking faults on ultrasonic reflectivity, 05734
simple algebraic structures for problems in linear anisotropic elasticity, solution graphs, 03693
special diagonal Hamilton-Jacobi equation, separation of variables, 01413
success-run equation for detection applications, 10361
supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
tolerance limits for Maxwell distribution with emphasis on SEP, 05747
weighting tree volume equations for young loblolly and shortleaf pines, 06657
see also Equations of motion.
Equations of motion:
aerospace vehicles as objects of control, 09512
calculating reentry base heating using Navier-Stokes and boundary layer equations, 08065
co-moving tensorial derivative, general form, 11660
critical nondimensional parameters in aircraft dynamic response to random input, determination, 08033
extended evaluation of a particulate precipitating heat transfer surface, 07680
modeling of turbulent transport in surface layer, 03601
motion of vehicle with lifting airfoils over rippled water surface, 09391

Equations of motion–Con.
nonlinear transient analysis of multi-mass flexible rotors, theory and applications, 03581
orbital mechanics of flight mechanics, 06849
transport analysis of measured neutron leakage spectra from spheres as tests of evaluated high-energy cross sections, 05632
Equilibrium:
algorithm for calculating multiphase chemical equilibrium, 04584
steady-state decoupling of elements of longitudinal mode of airplane, computer program for solving gains required, 11655
temperature from standard meteorological data bases, statistical prediction, 05326
trace element equilibrium studies, 08811
Equine encephalomyelititis, *see* Encephalomyelitis.
Equine infectious anemia, *see* Anemia.
Equipage, *see* Military supplies.
Equipment operators:
equipment operator 3 & 2, rate training manual, 01502
Equity:
feed grain program, 1973, provide equity–hearings, 04080
Erben (U.S.S.):
loan of vessels, extension, agreement with Korea, Republic, 05843
ERC, *see* –Engineering and Research Center.
ERIC, *see* Educational Resources Information Center.
Erie-Lackawanna Railway Company:
accident investigation, summary report, 07021
Erie Lake:
bottom trawl explorations, 09554
organic contaminants in boundary waters using carbon filter techniques, Lake Huron, Lake Erie, 09594
project Hypo, intensive study of Lake Erie central basin hypolimnion and related surface water phenomena, 00353
United States ports on Lake Erie, 09275
unharvested fishes in U.S. commercial fishery of western Lake Erie in 1969, 06986
Erie, Pa.:
port, 09275
ERI, *see* Environmental Research Laboratories.
Erosion:
channel erosion surveys along proposed TAPS route, Alaska, July 1971, 05425
erosional and dispositional aspects of hurricane Camille in Virginia, 1969, 07861
see also Beach erosion-Soil erosion.
Error analysis:
aerospace–
parts, materials, and processes experience summary to aid in minimizing recurrences of system failures, 06851, 11096
airmen loss rates, development of data base for direct analysis, 09670
fail-operational control of turbojet engine, self-teaching digital computer program, 10227
flight study of vehicle operational status and monitoring and failure isolation system, 08072
microcircuits and field transistors, failure analusis, USSR study, 08659
tolerance limits for Maxwell distribution with emphasis on SEP (spherical probable error), 05747
tolerance limits for Rayleigh (radial normal) distribution with emphasis on CEP, 05746
Errors:
casualty data reduction processor program, Naval Weapons Laboratory, 05741
determination of personal errors in observations of large planets, USSR study, 05510
discrete photoelectric tracking system with storage of error signal, USSR study, 01335
error in gas calculations caused by ignoring compressibility and solution effects, 11639
introduced into meteorological calculations through use of hypsometric equation, investigation, 03902
root-mean-square errors in location, orientation and shape in triangulation solution of elongate object in space, derivation of formulas, 11123
round-off errors in cutting plane algorithms based on revised simplex procedure, 05628
see also Error analysis.
ERS, *see* Economic Research Service.
ERTS (earth resources technology satellites), *see* Satellites.
ESC, *see* Extension Service.
Escambia County, Fla.:
availability of ground water for public-water supply in central and southern Escambia County, Fla., 00429
Escape systems:
human factors evaluation of submarine escape, 09456
Escobar, Leticia, *see* Richardson, Leticia.
ESEA (Elementary and secondary education act), *see* Elementary education-Secondary education.
ESIC, *see* Environmental Science Information Center.
Eskimos:
individuals marketing native American arts and crafts, source directory, 00473
organizations marketing native American arts and crafts, source directory, 00472
Espino, Ernesto, *see* Scofield, Ernest E..
Espiritu Danto Island:
journal of trip, 10301
Essays:
essays on career education, 00576
more power to United Nations, should nations cede some sovereignty, essay winners–hearings, 00929
Estate tax, *see* Inheritance and transfer tax.
Esterase:
new hydrophobic sections in region of esterase center of cholinesterase, USSR study, 03494
Esthetics, *see* Aesthetics.
Estuaries:
deep estuary, features of dynamic structure, 10317
Potomac River, Washington metropolitan area, history of water quality problems and solution, 10820
protecting America's estuaries–hearings, 04107, 05069, 06303
seasonal occurrence of young gulf menhaden and other fishes in northwestern Florida estuary, 03672
Etching:
hybrid microcircuit etching, solution control, 08896
Ethanol, *see* Alcohol.
Ether:
electrodeposition of aluminum from ether-hydride solutions, 07221

Ethiopa:
economic trends and their implications for United States, 06758
Ethmiidae, *see* Moths.
Ethnic types:
consistency of reporting of ethnic origin in current population survey, 07285
Ethylene glycol:
determining explosive oil in dynamites using high-pressure liquid chromatography, 01379
Ethylenediaminetetraacetatic acid (EDTA):
tetrasodium ethylenediaminetetraacetate (EDTA), tests and procedures for determing purity, 11205
Eucalyptus:
predisaster assistance for eucalyptus tree fire hazard–
hearings, 05044
Eulogies, *see* Memorial services.
Euomphalidae, *see* Snails.
EURATOM, *see* European Atomic Energy Community.
Euro-dollar market:
maturity distribution of Euro-dollar deposits in foreign branches of U.S. banks, 02283
Europe:
Africana acquisitions, report of publication survey trip, 01363
East scientific abstracts, 02722-8
Eastern–
economic and industrial affairs, translations, 02663
feed-livestock economy prospects to 1980, 03309
impact of granting most favored nation treatment, 10464
political, sociological, military affairs, translations, 02664
scientific affairs, translations, 02665
trade policy resolution, expansion of commerce in goods and services report, 03139
European countries, selected communities, 10969
European reactions to U.S. policies in Vietnam–
hearings, 05059
European security and Middle East after war of Oct. 1973, 09066
military claims, administration, 09842
mining and petroleum laws of world, summary, 09457
new dimensions in transatlantic dialog, Members of Congress and of European Parliament, Strasbourg, France, 00131
Secretary Kissinger reviews U.S.-European relations (address), 07050
summary of synoptic meteorological observations, western European marine areas, 08175
turbulent era, year of Europe in retrospect, 09077U.S. government-supported research on foreign affairs, inventory, 09620
U.S. military commitments–
hearings, 09822
U.S. mutual force reductions–
hearings, 06386
United States, Army in World War II–
last offensive, 07966
Western–
agricultural situation, 10807
growth potential of corn production through 1975 and 1980, 01085
market profiles, 06462
translations, 02681
world trade outlook, 03299
European Atomic Energy Community:
act, amend–
hearings, 05001
EURATOM cooperation act, amend–
law, 00102
European Community:
common agricultural policy of European Community, 06639
European Economic Community:
EEC and EFTA rules of origin governing preferential trade, 08530
European Free Trade Association:
EEC and EFTA rules of origin governing preferential trade, 08530
European Parliament:
Congress of United States, report on meeting with, 04100
turbulent era, year of Europe in retrospect, report from 5th meeting in Florence, 09077
visit to Congress of United States, report on meeting, 09074
European War, 1914-18:
veterans of nations allied with United States during war, provide benefits, hearings, 00167
Eutectics:
eutectic superalloys strengthened by delta, Ni3Cb lamellae and gamma-l, Ni3Al precipitates, 05608
Evaluate National Center for Health Statistics Committee:
health statistics today and tomorrow, report, 00565
Evaluation of schools, *see* Educational surveys.
Evangeline Parish, La.:
soil and people, advantages of soil survey, 00653
Evans, James:
Colfax County Press, publisher–
relief, 02926, 04164
Evans, John R.:
nomination–
hearing, 05121
Evaporation:
evaporation suppression, bibliography, 10130
nitrate and nitrite volatilization by microorganisms in laboratory experiments, 04363
partial devolatilization of coal in two entrained-bed carbonizers, 08001
volatile components, treatment of sulfite evaporator condensates for recovery, 09997
Everglades National Park, Fla:
general information, 04684
Evidence:
physical evidence handbook, crime scene search, 09431
rules for certain courts and proceedings, establish–
report, 03094
rules of evidence proposed for use in U.S. courts and before U.S. magistrates–
hearings, 00147
testimony by FAA employees in legal proceedings, Federal aviation regulations, 01943
testimony of employees in legal proceedings, and service of legal process and pleadings, FAA regulations, 10889
Examinations:
breast, self examination, health habit, 09526
examining practices of Civil Service, 01980

Examinations–Con.
product examination service, reports on condition of meat, 07119
see also Civil service.
Excavating machinery:
excavating equipment, Federal item identification guide, 06444
Excavation:
ground water pollution from subsurface excavations, 04377
Project Drum Inlet, explosive excavation in saturated sand, 06533
Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
Project Trinidad, explosive excavation tests in sandstone and shale, 05311
standard rock suite for rapid excavation research, 11060
systematic determination of engineering criteria for rock, 09987
Excess profit tax:
administration emergency windfall profits tax–
hearings, 07457
Exchange, *see* Foreign exchange.
Exchanges (international), *see* International exchanges.
Excise taxes:
information on excise taxes for 1974, 04513
internal revenue bulletin, cumulative index-digest system, 01686, 03443, 04507, 10136
IRS looseleaf regulations system, 02262, 06741
Excitation:
optimization of probe excitation for 2-probe measurement of refractive-index structure function constant of atmosphere, 04698
Executive department:
Commission on Government Procurement, recommendations on executive branch progress and status,GAO report, 07843
efficiency with respect to petroleum industry for minimizing shortages–
hearings, 06389
executive branch organization for international economic policy, 09924
Federal employees, protect privacy and rights–
report, 10733
oversight and efficiency of executive agencies with respect to petroleum industry, especially as it related to recent fuel shortages, staff study, 04208
progress of executive branch action on recommendations of Commission of Government Procurement, GAO report, 00423
supergrade positions, need for increase–
hearings, 07440
see also Government offices–Government officials and employees–Government supplies.
Executive Mansion:
White House First Ladies dresses in First Ladies Hall, 03737
White House, brief description and history, 05712
Executive Office of the President:
appropriations, 1974–
hearings, 05113
law, 04987
report, 00910, 03035, 09139
supplemental, hearings, 06366-7
appropriations, 1974, supplemental–
proposal, 06314
appropriations, 1975–
hearings, 10684
Executive orders, *see* President of United States.
Executive privilege (Government information):
freedom of information, executive privilege, secrecy in Government–
hearings, 05152
historical statements on executive privilege and impeachment, 10159
secrecy in government, freedom of information–
hearings, 03248, 09932
Executive Protective Service:
increase size–
hearings, 09111
report, 09166
Executives:
compensation rules under phase 3 program–
hearings, 00848
data uses in private sector, proceedings of executive seminar, 09710
executive compensation, report, 11439
executive manpower, bibliography, 07312
executive manpower management, technical assistance paper EMMTAP series, 08959
Executors, *see* Administrators.
Exercise, *see* Physical fitness.
Exhaust emissions:
advanced automotive control systems vehicles, final report, 00028
air quality and automobile emission control, 10796-8
aldehyde and reactive organic emissions from motor vehicles, 00028-9
auto emission standards, compliance with Clean air act–
hearings, 05184
impact, 04259
automobile emission standards, postpone–
report, 08448
automobile exhaust emission surveillance, summary, 00026
automotive exhausts, oxygenates, 08000
automotive gas turbine optimum configuration study, 03881
buying a car overseas?, be sure it meets U.S. air pollution control standards, 09992
characteristics and photochemical reactivity of emissions, 00344
characterization of emissions from 1970-73 model vehicles, final report, 00029
characterization of particulates and other nonregulated emissions from mobile sources and and effects of exhaust emissions control devices on these emissions, 00027
control of emissions from light piston-engine aircraft, 05962
emissions from 1966-72 light-duty vehicles in Washington, D.C., study, 00024
exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, 00023
Federal low-emission vehicle procurement–
stimulate production, use, etc., 08514
gas turbine combustor T 53 and T 55 engine exhaust measurements, 10513
heavy duty diesel and gasoline fueled engines, durability of advanced emission controls, 08545
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
jet aircraft operations, estimates of contributions to trace element concentration at or near airports, 09495

Exhaust emissions–Con.
jets blown over wing, exploratory investigation of effects, 06870
motor vehicle emission estimation, 04378
natural gas as automotive fuel with low emission, 04587
new motor vehicle emission standards and fuel economy–
hearings, 08412
odorous compounds in diesel engine exhaust, analysis, 00343
reducing auto emissions, some relevant facts (address), 07774
short emission inspection tests effectiveness in reducing emissions through maintenance, 06549
stratified charge engine (SCE) concept, evaluation, 03882
suspension of 1975 auto emission standards, decision of Administrator of Environmental Protection Agency–
hearings, 01052
transmission study for turbine and Rankine cycle engines, 03884
Exhaust gases, *see* Exhaust emissions.
Exhaust nozzles, *see* Nozzles.
Exhaust plumes, *see* Jet plumes.
Exhibitions:
archeological finds of People's Republic of China, indemnification for loss or damage–
law, 10582
report, 09899, 11383
exhibition flight, 06901
Expo '74, preserve environment, 10-cent stamp (poster), 10478
EXPOCUBA, theory and practice of communism–
hearings, 09085
International Exposition on Environment, Spokane, Wash., commemorative medals, authorize–
law, 10565
report, 02994, 10729
international expositions, protocol amending 1928 convention, 06320
travel exhibits, appropriations, fees and charges authorize–
hearings, 04125
Exhibits:
food and agricultural exhibits throughout world, 04423
witchcraft and medicine, 1484-1793, National Library of Medicine, 11175
Exiles, *see* Refugees.
Eximbank, *see* Export-Import Bank of United States.
Expansion (solids):
radiation swelling of steel OKh18N9T, USSR study, 04545
Expansion (thermal):
thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
Expansion tubes:
free-stream temperature, density and pressure measurements in expansion tube flow, 03598
pilot model expansion tunnel test flow properties obtained from velocity, pressure, and probe measurements, 06862
Expansion tunnels, *see* Expansion tubes.
Expenditures:
correlation for science and productive capital investments, USSR study, 09427
farm production, 08242
food consumption, prices, 05279
national health expenditures, 08213
personal health care by State public funds, 04732
Expenditures of United States Government:
combined statement, 04767
control expenditures and establish national priorities–
report, 01004, 10732
Federal impoundment control procedure act–
report, 00189
impoundment control and 1974 expenditure ceiling–
report, 02974
Presidential properties, expenditures–
hearings, 08396
Experience records:
relationships of age and ATC experience to job performance ratings of terminal area traffic controllers, 07245
Experimental Meteorology Laboratory:
outline of Bayesian approach to EML multiple cloud seeding experiments, 00590
Experiments and experimentation:
artificial-recharge experiments and operations on the southern high plains of Texas and New Mexico, 03416
engineering-psychology experiment and its instrumentation, problem, USSR study, 07917
eradication experiment, integration of selected boll weevil suppression techniques, 02820
experiment G5 with high burn-up, examination of oxide-clad reactions, 07209
experimental and observational study of atmospheric chemical reactions, existing needs, 00330
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering mode rotors, 01392
experimental measurement and theoretical analysis of large plastic deformations, procedures, 11103
measure carbon monoxide in atmosphere, analysis of feasibility of experiment, 04602
nitrate and nitrite volatilization by microorganisms in laboratory experiments, 04363
radial blanket and shield simulation experiments, 09704
research on model MHD generator U-02, stage 2 of USSR study, 04544
research studies on field production of tomato transplants in southern Georgia, 02819
solar energy, proof of concept experiments, 10345
technology of controlled thermonuclear fusion experiments and engineering aspects of fusion reactors, 11309
three-dimensional supersonic nozzle modification, analysis and comparison with experimental data, 08722
time and frequency broadcast experiments from ATS-3 Satellite, 06918
Explorations:
Antartica exploitation, basic problems, USSR study, 08655
bottom trawl explorations, 09554
estimation of petroleum exploration success and effects of resource base exhaustion via simulation model, 05418
geographical exploration and mapping in 19th century, survey of records in National Archives, 05643

Explorations–Con.
international council for exploration of the sea, protocol to convention, 04156
Naval Petroleum Reserve No.4–
northern Alaska and adjacent areas, 1944-53 subsurface geology and engineering data, 05432
ocean exploration, international decade, 04693
petroleum, recently in USSR, 06764
Explosions:
coal-dust explosion suppression by passive water barriers in single-entry mine, 08705
Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
Project Trinidad, explosive excavation tests in sandstone and shale, 05311
underground explosions and changes in properties of medium in seismically active region, USSR study, 09418
see also Nuclear explosions.
Explosives:
black powder, exempt from licensing and permit provisions of organized crime control act–
hearings, 00228
cylindrical explosive loads, ultrasonic imaging, 05736
explosively constructed dams, 08306
explosives applied in welding and polymerization, USSR study, 06774
gasoline is made to explode, 07580
project Armor obstacle 2, 06529
Project Drum Inlet, explosive excavation in saturated sand, 06533
quantitative understanding of explosive stimulus transfer, 04609
revenue rulings, etc., internal revenue bulletin cumulative index-digest system, 01687
vapor impurities of explosives TNT, RDX and composition B, exploratory analysis, 05300
see also Ammonium nitrate.
Export Development Credit Fund, United States, *see* United States Export Development Credit Fund.
Export-import Bank of United States:
act, amend–
hearings, 06371
appropriations, 1974–
law, 06194
report, 05035,09141, 09756, 09758
CFF and RF directory, 04390
Eximbank programs, 04391
extension of functions–
hearings, 11398
financial statements, 1973, GAO examination, 04455
foreign assistance appropriations, 1974–
hearings, 04084
president and chairman, nomination of William J. Casey–
hearings, 07469
statement of condition fiscal year '73, 04392
Exports:
airborne, foreign trade reports, 02701
appeal to save energy, and improve international trading climate to expand U.S. exports (address), 03978
commodity classification, special announcement, 07286
Eximbank and world of exports, 04392
expanding United States non-strategic exports in world trade (remarks), 08965
expansion of exports, solution to balance of payments problem (address), 00805
Export administration act of 1969, amend–
report, 11411
export administration bulletin, 01925
export commodity classification, special announcement, 03954
export control policy–
hearings, 00195
export controls on agricultural commodities–
hearings, 00203
export development credit fund–
hearings, 00210
export expansion for economic prosperity (address), 07330
export expansion legislation–
hearings, 06375
export opportunities for electronics industry production and test equipment, global market survey, 10148
Export priorities act–
hearings, 05119
export shipping, containerized and other (remarks), 06618
exporting is easier than you think, 10801
exporting to United States, 04266
farm export policies, farmers, and consumer (remarks), 05935
ferrous scrap export controls–
hearings, 01018
food and agricultural export directory, 09328
foreign trade reports, 02695, 02698, 02702
impact of currency realignment on U.S. exports to Germany, 06759
information services for U.S. business firms, 07638
Joint export establishment promotion, general information, 06458
licenses approved and reexports authorized, list, 01926
manufacturers sales and orders of durable goods, current industrial reports, 01846
Mutual defense assistance control act (Battle act), report, 11250
President's Conference on Export Expansion, summary report, 05759
regulation authority extend–
report, 09797, 11398
state of our economy, energy problem, and need for expansion of exports (address), 03974
statistical classification, schedule B, 02569, 04939
survey of origin of exports of manufacturing establishments in 1971, 06081
U.S. actions needed to cope with commodity shortages, GAO report, 10084
U.S. commodities related to output, 08317
Vietnam agricultural products, export opportunities in United States, 07652
waterborne, foreign trade reports, 00779, 02700
see also Commerce.
Expositions, *see* Exhibitions.
Exposure:
biological hazards from exposure to ELF electrical fields and potentials, 05731
commercial integrating-type noise exposure meters, evaluation, 08097
comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251
criteria for recommended standard, occupational exposure series, 08120-4

Exposure–Con.
evaluation of wet tantalum capacitors after exposure to extended periods of ripple current, 08713
Grania, code for analysis of climatic effects on natural environmentgamma-ray exposure rates, 08298
measure human exposure to fuel additives, development of analytic techniques, 10827
peculiarities of influence of training of different types on tolerance of human body to extreme heat exposure, 11013
Extended care facilities, *see* Nursing homes.
Extension Service:
circular ESC series, 03328, 05340
Extension Service review (periodical), 01927
Extension work:
food and nutrition training extension aides, basic lessons, 03329
four-H club leaders and extension staff, international cues, 04790
reaching and teaching young families, handbook for extension staff, 05340
External combustion engines, *see* Engines.
Extraction (chemistry):
HF system at 40° C with other solubility curves from 25° to 70° C, 03565
semi-automatic extraction of organic materials from water, 10387
Extraction apparatus:
gold extraction in foreign countries, equipment and technology, USSR study, 08671
Extradition:
agreement with Denmark, 06317
agreement with Fiji, 03785
treaties with Italy, Paraguay and Uruguay, 00188
treaty with Denmark, 08447
treaty with Paraguay, 00184
Extraterrestrial life:
life beyond earth & the mind of man, symposium proceedings, 01397
Extraterrestrial matter:
adenosine triphosphate (ATP) as possible indicator of extraterrestrial biology, 11147
Eyes:
alcohol effects on eye movements and tracking performance during laboratory angular accelerations about yaw and pitch axes, 00047
comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251
refractive errors, 01436
Eyster, Rodney E.:
nomination, hearings, 09195

F

F layer, *see* Ionosphere.
F. Edward Hebert Federal Building:
designate–
report, 06244
F-region, *see* Ionosphere.
FAA, *see* Federal Aviation Administration.
Fabricated materials:
nonmetallic, Federal item identification guide, 04316
Fabrication, *see* Plutonium–Stability of aircraft.
Fabrics, *see* Fluorine–Textiles.
Face, *see* Head.
Facsimiles:
responsivity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, investigation, 04622
spaceborne facsimile cameras, controls for drift, video gain, and color balance, 04620
Faculty (school):
science faculty research participation, proposals guide for preparation, 08797
Failure analysis, *see* Error analysis.
Fair housing, *see* Discrimination in housing.
Fair labor standards act, *see* Labor standards.
Fairbanks, Alaska:
airborne resistivity survey, 10810
Fairport Harbor, Ohio, port, 09275
Fall out, *see* Radioactivity.
Fall River, Mass.:
railroad accident investigation report, 00627
Fallout, *see* Radioactivity.
Fallowing:
summer fallowing improves survival and growth of cottonwood on old fields, 00400
Falls Church, Va.:
Defense Department facility, lease renewal–hearings, 07571
Families:
AFDC recipients, under work incentive program–
assessments completed and referrals to manpower agencies by welfare agencies, 01664
documents edition, 05015
child care arrangements of AFDC recipients under work incentive program, 01717
families with disabled parents under AFDC, 07033
family characteristics, admissions to State and county mental hospitals and outpatient psychiatric clinics, 10298
family economics review, 01932
family fare, guide to good nutrition, 00009
family income, wife's earnings as source, 11768
family, poverty, and welfare programs–
factors influencing family instability, 04034
household patterns and Government policies, 06207
food makes the difference, ideas for economy-minded families, 05949
foods for families in food distribution programs, estimated nutritional value, 08581, 09327
free black heads of families in 1st census of U.S., 1790, list, 06902
handbook for home, 1973 yearbook of agriculture–
departmental edition, 04779
document edition, 05015
helping low-income families improve diets, 11494
household and family characteristics, 06084
median family money income for 1969, by counties (map), 07288
medicare for railroad workers and their families, 08822
money income of families and persons in U.S., 06091
reaching and teaching young families, handbook for extension staff, 05340
rental and cooperative housing for lower income families, 06721, 10118
residential energy consumption–
multi-family housing data acquisition, 10975
phase 1 report, 10973
single family housing, final report, 10974
techniques of aided self-help housing, special report, 10978

Families–Con.
trends and pressures affecting American families–
hearings, 07551
two-child family and population growth, international view, French edition, 04935
urban family budgets updated to autumn 1972, 01361
see also Households–Income.
Family court, *see* Domestic relations court.
Family farms, *see* Farms.
Family planning, *see* Birth control.
Famine, *see* Relief work.
Fans:
development for Rankine cycle engines, 11475
fan-in-wing VTOL configuration performance, 08731
theoretical studies of tone noise from fan rotor, 04611
see also Electric fans–Turbine fans.
FAR, *see* Foreign Area Research Coordination Group.
FAR Documentation Center, *see* Foreign Affairs Research Documentation Center.
Far East, *see* East (Far East).
Farallon National Wildlife Refuge:
designate certain lands as wilderness area–
report, 09778
Farm animals, *see* Livestock.
Farm buildings:
agricultural buildings and structures, grainaries and grain dryers, USSR study, 08661
building plans–
two-bedroom apartment over garage, 08278
three-bedroom frame house, 10496
Farm credit, *see* Agricultural credit.
Farm Credit Administration:
annual report, 09021
statistical bulletin, 06600-1, 10008-9
Farm implements and machinery:
agricultural machinery and equipment, Federal item identification guide, 06443
farm machinery operation, 14 selected cooperatives, 06604
Farm income, *see* Income.
Farm labor:
agricultural workers in Hawaii, unemployment–
hearings, 09064
contractor registration act, amend–
hearings, 09824
monthly report, 01936
Farm machinery, *see* Farm implements and machinery.
Farm mortgages, *see* Mortgages.
Farm ponds:
building a pond, 04778
Farm products, *see* Agricultural products.
Farmer Cooperative Service:
FCS research report, 05341, 06602
Service report, 06603-4
Farmers:
farm export policies, farmers, and consumer (remarks), 05935
farmers should be compensated for their labor (talk), 00719
farmers' bulletin, 0008, 02812-4, 03849-50, 04775-8, 05936, 07112
farmers' income tax returns, inspection by Department of Agriculture permitted by Executive orders, hearings, 00933
farmers should be compensated for their labor (talk), 00719
Federal income tax, inspection of returns by Agriculture Dept.–
report, 03057
first partaker of fruits (address), 03851
see also Farmers' cooperative organizations.
Farmers Branch Creek:
flood plain information, 07688
Farmers Branch, Tex.:
flood plain information, 07688
floods, 06518
Farmers Home Administration:
farm mortgage lending, experience, 04340, 05282
rural housing program operations–
effectiveness–
hearings, 04105
report, 06250
soil and water loans, 02817
Farmers cooperative organizations:
cooperative feed manufacturing specialization, 06602
farm machinery operations, 14 selected cooperatives, 06604
news for farmer cooperatives, 02374
see also Production credit associations.
Farming, *see* Agriculture–Contract farming–Farms.
Farms:
Consolidated farm and rural development act, amend–
cotton provisions, hearings, 05048
dairy provisions, hearings, 05046
hearings, 00915
report, 03181
double cropping with soybeans, will it pay on your farm?, 07126
extension of farm and related programs–
hearings, 01007
family-farm records, 07112
farm index, 01935
farm policy issues of next decade (remarks), 03848
farm programs, extend–
hearings, 00196-7
farm real estate mortgages recorded, 10008
farm real estate, market developments, 05284
farm real estate, market developments, indexes of values per acre, 05283
farm real estate taxes, recent trends and developments, 06476
farm sector social accounts with projections to 1980, simulation model, 03876
farmland tenure patterns in United States, 05927
farms real estate debt, 1973, 06600
father-son operating agreements, 07113
general farm program–
hearings, 00915
large cotton, feed grain, and wheat farms, number and importance, 03310
nonreal estate farm debt, 1973, 06601
production expenditures, 08242
use of concrete on farm, 03849
Faroe Islands:
aviation, joint financing of certain air navigation services, agreement with other government, 05833
FAS, *see* Foreign Agricultural Service.
Fass, Estelle M.:
relief, 00869
Fast reactors, *see* Reactors (atomic).
Fasteners, *see* Fastenings.
Fastenings:
fastening devices, Federal item identification guide, 04320, 05211

Fastenings—Con.
threaded fasteners, Federal item identification guide, 05205
Fatalities, *see* Death
Fathers:
so you're going to be new father?, 07305
Fatigue of materials, *see* Strains and stresses.
Fats, *see* Oils and fats.
Faulkner, Edgar P.:
relief, 00860, 02922
Faults (geology):
detection and delineation of faults by surface resistivity measurements, 07995
large-magnitude late Tertiary strike-slip faulting north of Lake Mead, Nev., 06704
San Andreas fault southwest, Oligocene stratigraphy, tectonics and paleogeography, 05434
Fauna:
inshore Benthic fauna, abundance and distribution off southwestern Long Island, N.Y., 09553
Favored nation clause:
impact of granting most favored nation treatment to countries of Eastern Europe and People's Republic of China, 10464
Fayette County, Ohio:
soil survey report, 08846
FBI, *see* Federal Bureau of Investigation.
FCA, *see* Farm Credit Administration.
FCC, *see* Federal Communications Commission.
FCM, *see* Federal Coordinator for Meteorological Services and Supporting Research.
FCS, *see* Farmer Cooperative Service.
FCST, *see* Federal Council for Science and Technology.
FDA, *see* Food and Drug Administration.
Feathers:
duty on crude feathers and downs, temporary suspension—
report, 09791
Federal agencies, *see* Government agencies—Government offices.
Federal aid, *see* Grants-in-aid.
Federal Amateur Sports Commission:
establish—
hearings, 00204
Federal assistance programs:
adequacy of Federal response to housing needs of older Americans—
hearings, 09178
catalog of Federal assistance programs, create—
report, 03235
community anticrime assistance act—
hearings, 07431
continued growth planned for Federal civilian R&D programs, science resources studies highlights, 03683
Disaster preparedness and assistance act—
hearings, 08431
drafting, surveying, and mapping instruments, 07616
Environmental Protection Agency, 00347
Federal disaster assistance program, handbook for—
applicants, 00450
State and Federal officials, 05448
Federal disaster relief legislation to investigate adequacy and effectiveness—
hearings, 00240, 01051, 04254, 10790
Federal domestic assistance, 08688
Federal programs for young children, review and recommendations—
goals and standards of public programs, 07868
recommendations for planning, 07870
review of evaluation data, 07869
summary, 07871
Federally supported programs, position of small business in procurements,hearing, 04145
government services to rural America, annual report, 07369
impact of Federal policies on employment, poverty, and other programs—
hearings, 00235, 04237-8, 06399
information for registered nurses entering agreement to serve in shortage area, 10101
intergovernmental science programs, program awards, 10342
Joint funding simplification act—
hearings, 04206
report, 03225
substate regionalism and Federal system, 05912
zoos and aquariums, provide Federal assistance—
hearings, 08518
Federal Aviation Administration:
air traffic activity—
peak day and terminal area relationships, calendar year 1973, 10010
report, 03332, 10885
Airport and airway development act, annual report of operations, 10891, 10895
airworthiness directives, 01943
appropriations, 1975, report, 10674
contractions used in air traffic control, etc., handbook, 00728, 01816
enforcement procedures, regulations, 01943, 10011
engineering and development program, goals, achievements, trends, 11497
FAA aircraft program data feedback, 01928
FAA aviation news (periodical), 01929
FAA-AM series, 07245-52, 07245-52, 08901-3, 09705, 10529-32, 11312-3
FAA-AV series, 10022-3
FAA/CAA annual joint meeting, report, 10894
FAA-ED series, 09295
FAA-RD series, 09627, 10454-5 11256-60, 11785-90
Federal aviation regulations, 01942-52, 04393, 08560, 10011-20, 10886-90,11499
fees, 10890
financial report, 11498
handbook, 08561, 09294
statistical handbook of aviation, 05342
use of organization ombudsman, Western Region, test program, 10474
views on nondestructive testing (address), 10062
Federal Board of Parole:
establish—
hearings, 08418
Federal buildings, *see* Public buildings.
Federal Bureau of Investigation:
annual report, 05345
career opportunities, 03336
ninety-nine facts about FBI, questions and answers, 05346
statutory authority for domestic intelligence activities, 09840
story, 10896

Federal Bureau of Prisons:
behavior modification programs, oversight–
hearings, 08419
library book catalog–
author catalog, 04558, 08676
subject catalog, 04559
title catalog, 05550, 10162
Federal civil service, *see* Civil service.
Federal Communications Commission:
actions in docket cases, report, 01953
annual report, summary, information bulletin, 05350
appropriations, 1974–
law, 02954
appropriations, 1975–
hearings, 09811, 09919
certain daytime broadcast stations to operate before local sunrise, permit–
law, 04994
report, 03087, 03098
decisions and reports–
bound volume, 00358
cumulative index digest, v.25-45, 1st series, 06603
decisions, reports, public notices, and other documents (periodical), 01954
effect of FCC requirements on small market broadcaster–
report, 11431
employeee responsibilities and conduct, FCC rules and regulations, 01955
experimental actions, reports, 01953
extend broadcast license period and clarify renewal policies (address), 01197
general actions, 01953
maritime services, radio stations on land, shipboard etc., rules and regulations, 01958
Member, nomination of James H. Quello–
hearings, 08478
memorandum opinions, etc., 02289
organization, FCC rules and regulations, 01955
overview, hearing, 09919–
practice and procedure, FCC rules and regulations, 01955
press releases, 02459
public notices, 01953, 02459
rules and regulations, 01955-64, 10897
Federal Coordinator for Meteorological Services and Supporting Research:
FCM series, 03666, 06972, 08143-4, 10311
Federal Council for Science and Technology:
energy research and development goals study, report, 00359
Federal Credit Union Bureau, *see* National Credit Union Association.
Federal credit unions:
accounting machine handbook, 05658
act, amend, hearings, 00923
National Credit Union Administration, financial statement, 1973, GAO examination, 10079
type of membership classification, 10280
Federal Crop Insurance Corporation:
audit report, 07370
Federal Deposit Insurance Corporation:
annual report, 05352
Federal domestic assistance programs, *see* Federal assistance programs.
Federal Elections Office:
annual report, 1972, presidential campaign contributions of more than †100 alphabetical listing, 04454
Federal employees, *see* Employee benefit plans-Government officials and employees.
Federal employees compensation act, *see* Employer's liability and workmen's compensation
Federal Employees' Compensation Office:
pamphlet, 05355
Federal employment, *see* Civil service-Employment.
Federal Energy Administration:
establish–
hearings, 05068, 06390
report, 06256, 09039, 09164
Federal Energy Emergency Administration:
establish–
law, 08346
report, 05040, 06257, 06257, 06348, 08452
summary of bill provisions, 08414
Federal Energy Office:
appropriations, 1975–
hearings, 06270
report, 08371
current energy shortages–
hearings, 07506
press release, 02460
procedures concerning petroleum price increases, hearings, 08394
salaries and expenses, appropriations, 1974, 06314
Federal expenditures, *see* Finance-Public property.
Federal fair employment practice act, *see* Discrimination in employment.
Federal Financing Bank:
establish–
committee print, 00170
law, 06181
report, 04078
summary of testimony at hearings, 00955
Federal government, *see* Government.
Federal grading service, *see* Grading of commercial products.
Federal Grain Insurance Corporation:
establish–
hearings, 05042
Federal Highway Administration:
appropriations, 1975–
report, 10674
Federal laws, regulations, and material relating to FHA, 08562
press releases, 02461
report FHWA-RD series, 06609-10
report on 1972 activities–
departmental edition, 05669, 05671
document edition, 05023
Federal Home Loan Bank Board:
appropriations, 1974–
law, 02954
how FHA Board views service corporations (address), 06611
journal, 01965
Member, nomination of Garth Marston, hearings, 10758
Members, nomination of Thomas R. Bomar and Grady Perry hearing, 05121
press releases, 02462
statutes and regulations, manual, 01646, 04408
Federal Home Loan Bank System:
statutes and regulations, manual, 01646, 04408
Federal Home Loan Mortgage Corporation:
financial statements, 1972-73, GAO examination, 04456
Federal Hospital Insurance Trust Fund, *see* Board of Trustees of Federal Hospital Insurance Trust Fund.

Federal Housing Administration:
Assistant Secretary for HPMC-FHA Commissioner, organization, 10114
definitions, policy statements and general rulings in administering insured mortgage and low-rent housing programs of HUD-FHA, 10115
FHA homes, operations under sec. 203, 1970 data for States, 01202
FHA monthly report of operation, 02017
FHA series, 07803
home mortgage insurance--
area trends, 06612-4
State trends, 06615
home property appraisal, questions and answers, 08632, 10123
HUD-FHA comparison of cooperative and condominium housing, 08630
Spanish edition, 03422
HUD-FHA non-assisted program for rental housing for moderate income families, 08631
HUD-FHA underwriting analysis handbook, 05451
insuring authorities, temporary extension--report, 03137
low cost housing trends of 1-family homes insured by FHA under sec.211(d)(2), 02016
press releases, 02463
trends of home mortgage characteristics, 02018
Federal information processing standards, *see* Information storage and retrieval systems.
Federal Insurance Administration:
Federal crime insurance program commercial and residential policies, 10907
Federal item identification guides:
abrasives, 07598, 09250
actuators, electro-mechanical, 06432
adapters, hoisting, aircraft jacking point, aircraft mooring, aircraft towing, and aircraft floor tie down, 09971
agricultural machinery and equipment, 06443
air conditioning equipment, 05241
analyzers and testers, laboratory, 04323, 07631
anodes, 05223
aprons, dresses and skirts, 00256
armament and operational training devices, 08524
attenuator, fixed, 04296
attenuators, variable, 06429
automatic data processing system, industrial, scientific, 04318
badges, buttons, and insignias, 04306
bags, envelopes and shipping sacks, 07605
bands, markers, plates, and signs, 04294
batteries, 03271
bearing and bushing, plain, 07596
bearings, antifriction, 09349
bearings, mounted, 04286, 07603
belts, straps, and related items, 04311
bending, cutting and forming machines and tools, for secondary metal working, 03288
biologicals, 04304
block and tackle, 07606
bolt, fluid passage, 04289
bombs and components, 05230
boxes electrical components, 05218
brakes and brake components, 04305
brushes cleaning and painting, 04312
building glass, tile, brick, and block, 05250
cabinets and racks, 06424
cable assemblies, electrical and electronic, 03290, 06448
capacitor-resistor, 04290
capacitors, fixed, 00257, 08521
caps, radiator and tank, 07601
cards, 03263
cartridges, weapon, 07614
casters, 03264
chain and wire rope, 07600
chests, cases, packages, special containers, shipping and storage containers, 07627, 09253
circuit breaker, 06420
cleaning and polishing compounds, 09973
cloth, 06426
clothing and textile repair shop, mobile, 00258
coats, and coat-like garments, 04298
coils and transformers, 06438
compounds and greases, cutting, lubricating, and hydraulic, 00259
conduit fittings, 03262
conduit outlets, 06421
controls and associated equipment, 07613
converters, electrical, nonrotating, 06442
conveyors and elevators, 00260
counters, rotating and reciprocating, 04301
couplings, 07612
coveralls, pajamas and suits, 04309
covers and pads individual equipment, 03275
craftsmens measuring tolls, 05247
cutlery and flatwear, 03283
cutting tool for machine tools, 05232
demolition materials, 04308
dental instruments, equipment and supplies, 05242
drafting, surveying, and mapping instruments, 03272, 07616
driers, dehydrators, and anhydrators, 07621
drill bits, counterbores, and countersinks, 07608
dummy load, electrical, 04295
dyes, 06435
earth moving and excavating equipment, 06444
electric and electronic bases holders, and supports, 00261
electrical cable cord, wire, and assemblies, 01065
electrical connector parts, 04288
electrical fittings, 04277
electrical insulators and insulation materials, 06449
electrical posts, splices, and terminals, 04273
electrical protective devices, 00262
electrical rotating machinery, 04303, 06431
electrical/electronic groups, sets, and assemblies, 05229
electron tubes and associated hardware, 03287
electronic circuitry devices, 09972
engine electrical system components, 01071
engine fuel and cooling system components, 05228, 0615
engines, turbines, and components, 05236
fabricated nonmetallic materials, 04316
fastening devices, 04320, 05211
fencing, architectural, and related metal products, 04315, 07619
fire fighting equipment, 07624
Fire surfacing materials, 05251, 07626
flag and flag-like items, 03266
floor publishers and vacuum cleaning equipment and components, 04319
food-cooking, baking-serving equipment, 00263
floor coverings, 07623
footwear, 11444
furnaces and space heaters, 04275
furniture miscellaneous, 05244
furniture, office, 06436
fuseholders, 04276
fuses, electrical, 05207

Federal item identification guides–Con.
fuses and primers, 05239
gases, compressed and liquefied, 00264
gears and gear clusters, 06430
goggles and related protective devices, 05240
grenades, 05231
grinding, threading, honing and buffing machines, 01076
hand tools, powered and non-powered, 03284
handcranks and handwheels, 07611
handles, 07610
handles, tool, 05254
hardware, bands, straps, strapping and components, 05252
hardware, builders and cabinet, 07629
hardware, bumpers, bushings, mounts, and pads, 06447
hardware, protective devices, 07628
headset, electrical, 05213
heat exchangers and steam condensers, 03278
holder, electrical contact brush, 04300
holders, retainers, and shields, for electrical and electronic components, 04282
holders, supports and brackets, electrical and electronic, 05255
hose, pipe and tube specialities, 06446
hose, pipe, and tube fittings, quick disconnect and self-sealing, 05220
hose, pipe, and tube fittings, 00265, 04284
hose, tubing, and hose and tubing assemblies, 00266
hospital and medical bags, cases, covers, and pads, 01067
household furnishings, 04317
indicating levels, 04322
indicators, general, 00267
industrial furnaces, kiln, lehrs, and ovens, 03279
ink, 06425
inner tube pneumatic tire, 04274
inspection gages and precision layout tools, 06441
insulation sleeving, electrical, 08522
jacks and plugs, 04278
junction boxes, 04281
keys and pins, 07609
kitchen hand tools and utensils, 03282
knobs, dials, and pointers, 00268, 06422
laboratory aids and devices, 05258
laboratory holders and retainers, 03292
lamps, 05214
laundry and dry cleaning equipment, 03273
lining and shoe, friction, 05222
lubricating oils, 01066
lubrication fittings, 05217
machine tool accessories, 05234
material handling equipment self-propelled and non-self-propelled, 01077
medical and surgical instruments, equipment, and supplies, 03270
medical type components and accessories, 01070
memorials, cemeterial and mortuary equipment and supplies, 05227
metal bars, rods, wires, sheets, plates, and shapes, 07607
microphones and microphone elements, 04283
mineral construction materials, bulk, 05253
miscellaneous capacitors, resistors, and attenuators, 03274
miscellaneous chemical specialties, 06434
miscellaneous construction materials, 06440
miscellaneous covers, 07620
miscellaneous electrical and electronic components, 05233
miscellaneous hardware, 07630
miscellaneous materials handling equipment, 01074, 07617
miscellaneous office machines, 03285
miscellaneous transmission components, 06439
miscellaneous welding, soldering, and brazing supplies and accessories, 01075
motor vehicle maintenance and repair shop equipment, 03281
multimeters, meters electronic/electrical, various, 03265
musical instruments, phonographs and home radios, 03268, 06437
nails, staples and tacks, 05209
navigational and flight instruments, 05243
notions and apparel findings, 04310
office and machine paper products, 05257
office devices and accessories, 03286
office folders, holders, and accessories, 05256
ophthalmic laps and lenses, 06427
optical instruments, 05245
opticians instruments, equipment, and supplies, 01073
paints, dopes, varnishes, and related products, 00269
paper and paperboard, 05215, 07602
pens, pencils, ribbons, and inking pads, 03291
perservative and sealing components, 00271
physical properties testing equipment, 03280
pin, piston, 04287
pipe and tube, metallic, 05206
plumbing, heating, and sanitation equipment, 01069
post, electrical mechanical equipment , 05225
power driven electrical rotating machinery, 00270
preservative and sealing components, 00271
prefabricated structures, 05248
pressure, temperature, humid measure-control instruments, 07618
printing, duplicating, and bookbinding equipment, 07625, 11446
projectors, still and motion, 07595
pumps and compressor components, 01068
pumps, liquid, general purpose, 05219
quartz crystal unit, 08523
radio and television communication equipment, 05237
radio navigation equipment, 00272
recreational and athletic equipment, 03269
refrigeration and air conditioning components, 03277
resistors, variable, 00273
road clearing, cleaning, and marking equipment, 05238
roofing, siding, wallboard, building paper, and thermal insulation materials, 04314
rotary brushes and buffing wheels, 04292
scales and balances, 00274
screening and fencing, mesh, 04285
semiconductor conductor devices and associated hardware, 04321
shaft, propulsion, ship, 03267
shielding gasket, electronic, 05226
simulators, 03276
soaps, 06433
socket, plug-in electronic components, 05208
soil pipe fittings, 04297
special industry machinery, 05249
springs and components parts, 07622
stuffing materials and leather, 04307
subassemblies, 05224
surgical catheters, drains, and tubes, 06428
surgical needles, 05221
surgical sutures, 04299

Federal item identification guides—Con.
switch, nonrotary, 04280
switch, sensing, 05210, 07597
switches, RF transmission line and waveguide, 04293
taps, dies, and chasers, hand and machine, 04291
telephone and telegraph equipment, 05235, 09252
test and maintenance stands, 03289
threaded fasteners, 05205
transmission chain, 09974
typewriters and office composing machines, 05216
vacuum pumps, 05212
valves, general purpose, and drain cocks, 04279, 06423
vehicles and trailers, 08525
vehicular power transmission components, 11445
water heaters, 05246
waveguide, 07599
welding and heat treating equipment, 06445
windings, 04302
woodworking machinery and equipment, 04313
X-ray equipment and supplies, 01072
Federal item name directory for supply cataloging, 01967-8
Federal Labor Relations Council:
appropriations, 1974—
report, 00910, 09139
Federal land banks:
characteristics of loans, 1972, 10009
farm mortgage lending experience, 05282
Federal lands, *see* Public lands.
Federal Library Committee:
newsletter, 02027
Federal Mapping Task Force:
report on mapping, charting, geodesy and surveying, 03548
Federal Maritime Commission:
annual report, 00371
appropriations, 1974—
hearings, 00198
report, 02967
appropriations, 1975—
hearings, 10679
briefing for Congress—
hearings, 07437
decision, bound volume, 05361
decisions, separates, 01971
nomination of George H. Hern, 09195
orders, notices, rulings and decisions, 02409
press releases, 02464
regulatory activity (remarks), 10908
role in ocean commerce (remarks), 01205
SP series, 01203-4, 06617-8, 08566, 10908-10, 11506-7
trade facilitation program activities (remarks), 06617
Federal Mediation and Conciliation Service:
appropriations, 1974—
hearings, 05113
law, 06160
report, 00992, 06322.
Federal Metal and Nonmetallic Mine Safety Board of Review:
appropriations, 1974—
law, 02944
report, 03006
waiving points of order, report, 02968
Federal Mogul Corp.:
roller bearings, Tariff Commission report, 03792
Federal Old-Age and Survivors Insurance and Disability Trust Funds Board of Trustees, *see* Board of Trustees of Federal Old-Age and Survivors Insurance and Disability Trust Funds.
Federal paperwork burden on Nation's small businessmen:
hearings, 07575
Federal personnel manual, *see* Civil service.
Federal planning, *see* Economic policy.
Federal Power Commission:
attempted destruction of documents concerning survey of uncommitted natural gas reserves—
hearings, 08501
Federal power act, text, 01207
FPC news, weekly compilation of press releases, etc., 02049
Member, nomination of Don S. Smith, hearings, 09195
progress and problems in developing nuclear and other experimental techniques for recovering natural gas in Rocky Mountain area, GAO review, 10936
public works appropriations, 1974—
waiving points of order, report, 02969
public works appropriations, 1975—
hearings, 11392
R series, 05362, 08567, 10032
reports, opinions, decisions and orders, monthly, 01995
S series, 05363-4, 09304, 11508
staff report on monthly report of cost and quality of fuels for steam-electric plant, 02609
Federal Power Research and Development Board:
establish, hearings, 01021
Federal Prison Industries:
financial statements, GAO examination, 09751
Federal Procurement Policy Office:
establish, hearings, 07508
Federal programs, *see* Federal assistance programs.
Federal property, *see* Public property.
Federal Rail Corporation:
establish—
report, 03072, 03075, 06351
Federal Railroad Administration:
appropriations, 1975, report, 10674
Federal reserve banks:
branch buildings, construction costs, increase appropriations—
report, 03046, 10612
condition statement, 01931
direct purchase of U.S. obligations—
authorization, extend, report, 03132, 03187
from Treasury, extend authority, law, 00842
Federal reserve act, amend—
law, 00842
hours, opening and closing, and holidays, 02395
interdistrict settlement fund, transactions, 02163
open market operations, 09312
procedural instructions relating to deposits of food coupon receipts, effective Jan.1,1974, 07087
State member banks of Federal reserve system, list, 10048
Federal reserve member banks:
assets, liabilities, monthly report, 01665
changes in State bank membership, weekly announcement, 01714

564-800 O - 75 - 14

Federal reserve member banks—Con.
deposits, reserves, and borrowings, weekly report, 01876
interest on deposits, Federal reserve regulations, 03376
member State banks, equity transactions and ownership of directors, etc.,02630
minimum security devices and procedures for Federal reserve banks and State member banks, regulations, 03375
money stock measures, in billion dollars, etc., 02106
revision of money stock measures and member bank reserves and deposits,09313
State member banks—
Federal reserve system, 10048
list, supplement, 02611
reserves of member banks, regulations, 03373-4
reserves, factors affecting, 01931
Federal Reserve System:
Treasury and Federal reserve foreign exchange operations, 01225, 10920
Federal Reserve System Board of Governors:
annual report, 10919
applications and reports received, or acted on, announcement, 01652
audits by General Accounting Office, provide—
report, 03046, 10612
authority, rules regarding delegation, 03377, 10918
Federal reserve bulletin, 02000
foreign exchange operations, 06632
historical chart book, long-range financial and business statistics, 01222
hours, opening and closing, and holidays, 02395
Member, nomination of Robert C. Holland—hearing, 05121
Member, nomination, of Henry C. Wallich—hearings, 08474
press releases, 02465
publication, list, 05369
regulation series, 03373-7, 04416
research library, recent acquisitions, 02545
statistical release, 01672
Federal retirement systems, *see* Retirement.
Federal Savings and Loan Associations:
combined financial statements, 05360
how FHA Board views service corporations (address), 06611
savings and loan business, facing bright prospects (address), 03341
Federal Savings and Loan Insurance Corporation:
combined financial statements, 05360
statutes, and regulations, manual, 01646, 04408
Federal service, *see* Civil service.
Federal specifications, *see* Government supplies.
Federal standards:
index, 07815
Federal Supplementary Medical Insurance Trust Fund, *see* Board of Trustees of Federal Supplementary Medical Insurance Trust Fund.
Federal supply code, *see* Government supplies.
Federal tax policy, *see* Taxation.
Federal Trade Commission:
act, amend, report, 00190
appropriations, 1974—
report, 06224
supplemental, proposal, 09749
automobile warranties, report, 05384
calendar, 01696
Commissioner, nomination of Mayo J. Thompson—
hearings, 01023
consumer bulletin, 05382
decisions, bound volume, 00384, 01227-28, 03379, 11531
FTC packet, 10925
mandatory petroleum allocation program, evaluation, staff report, 10924
Member, nomination of Mary E. Hanford, hearings, 09195
mergers and acquisitions, statistical report, 11530
news summary, 02010
petroleum industry, July 2,1973 investigation, Treasury Department staff analysis, 05140
policies in promoting free flow of information on its activities as law enforcement agency (address), 08579, 10053
press releases, 02466
promulgate labeling and advertising standards for electrical appliances indicating energy efficiency—
hearings, 05125
publications, list, 05383
statutes and court decisions, 03380
Federal-State-local relations, *see* Intergovernmental relations.
Feed, *see* Food for livestock—Food for poultry.
Feed grain, *see* Grain.
Feedlots:
animal feedlot waste program research needs, 07816
animal feedlots, control of pollution—hearings, 08393
beef cattle feedlot wastes management, environment protecting concepts, 06551
control water pollution from animal waste and reuse waste as fertilizers—
report, 09793
feedlot and ranch equipment for beef cattle, 00008
Fees:
FAA records, fees for copying and certifying Federal aviation regulations,01943
facilities subject to user fees at Federal areas—
law, 00098
Federal Aviation Administration, 10890
fee licenses issued for month, 02012
Ferrier, Isabel, E.S.M. relief, 00895
Headstart fee schedule postpone—
law, 06168
report, 06232
legal fees, effect on adequacy of representation—
hearings, 08499-500
special recreation use fees at additional campgrounds—
hearings, 07533
Feldspar:
and related minerals, mineral industry survey, 11044
Fellner, William J.:
nomination, hearings, 04192
Fellowships:
NATO postdoctoral fellowships in science, information, 10341
Felony, *see* Criminal law.
Females, *see* Women.
Fence posts:
home treatment of fence posts, 07082

Fences:
fencing, architectural and related metal products Federal item identification guide, 04315, 07619
screening and fencing, mesh, 04285
see also Fence posts.
Fences (receivers of stolen goods), *see* Receiving stolen goods.
Fencing, *see* Fences.
Fermentation:
industry, sources and management of microorganisms for development, 07108
Ferrier, Isabel E.S.M.:
relief, 00895, 06148
Ferroalloys:
mineral industry survey, 10181
Ferromanganese:
infrared microanalysis for deducing formation history of deposits, 06979
Ferrosilicon:
mineral industry survey, quarterly, 02014
Ferrous metallurgy, *see* Metallurgy.
Ferrous metals:
Fe-Cr binary alloys, solution chemistry in crevices, 10364
ferrous scrap export controls—hearings, 01018
ferrous scrap recovered from incinerated municipal refuse, reducing its copper and tin impurities, 01376
Government's scrap policy and future supply for foundry industry (address), 10802
Ferrous sulfate:
activated sludge plant, 200 MGD, removes phosphorus by pickle liquor, 05328
sulfuric acid and ferrous sulfate recovery from waste pickle liquor, 11481
Fertilization of plants:
rainfall influences female flowering of slash pine, 00401
stream chemistry following forest fire and urea fertilization in north-central Washington, 05402
Fertilizers:
commercial fertilizers (periodical), 01787
fertilization increases diameter growth of birch-beech-maple trees in New Hampshire, 06656
fertilizer abstracts (perodical), 02015
fertilizer situation, 09260
inorganic materials and related acids, current industrial reports, 01846,04919
marketing system in Mexico, 03802
publications, price list, 03717
seven-year response of 35-year-old douglas fir to nitrogen fertilizer, 05401
shortage situation, hearings, 06260
supply, demand, and prices, hearings, 10749
TVA fertilizer bulk blending conference, 05879
U.S. and world fertilizer outlook, 07465
Fetus:
maternal, fetal, and infant nutrition, governmental responses, hearings, 00239
maternal, fetal, and infant nutrition, 1973—consquences of malnutrition, hearings, 01048, 1973
WIC program oversight, hearings, 06404
FHA, *see* Farmers Home Administration—Federal Housing Administration.
FHLBB, *see* Federal Home Loan Bank Board.
FHWA, *see* Federal Highway Administration.
Fiber board, *see* Pulpboard.
Fiberboard boxes, *see* Boxes.
Fibers:
assure consumers of plentiful supplies at reasonable prices,report, 02975
chromia doping on thermal stability of silica fibers as reusable surface insulation for reentry vehicles, 08046
compression characteristics and structural beam design analysis of steel fiber reinforced concrete, 06495
cotton and other fibers in selected clothing items, men's attitudes toward, 03856
cotton fiber and processing test results, summary, 11289
factors affecting miniature Izod impact strength of tungsten-fiber-metal-matrix composites, 06874
fiber composite laminates, non-linear behavior, 09479
fibers in retail piece goods, consumers' buying practices, uses, and preferences, 05947
glycerol interference in determination of crude fiber, fat, and moisture in intermediate moisture meat products, 04852
interfiber competition with emphasis on cotton, trends and projections to 1980, 05957
rapid growth of metallic fibers by partitioning sulfur in copper-iron-sulfide mineral, 11629
rigidized fibrous materials as reusable surface insulation for reentry vehicles, analytical study, 08038
statistical relationships of fiber properties to yarn properties and to spinning efficiency of medium staple cottons, 09662
stocks of wool and related fibers, current industrial reports, 03947
tariff schedules of United States annotated, correlation textile and apparel categories, 06456
trade in wool and man-made fiber textile products with Macao, agreement with Portugal, 01574, 04749
vegetable, foreign agriculture circulars, 02039
Fibrin:
fibrinolysis, thrombolysis, and blood clotting, bibliography, 02019
Fibrinolysis, *see* Fibrin.
Fiduciaries:
fiduciary and enforcement for private pension plans, 10592
income tax returns, statistics, 07896
Fiduciary income, *see* Income tax.
Fiduciary relations:
fiduciary standards for private pension plan reform, 00214
Fighter planes:
F-8 aircraft with supercritical wing, extraction from flight data oflongitudinal aerodynamic coefficients, 09502
pressure distribution on vectored-thrust V/STOL fighter in transition-speed range, 08718
FIIG, *see* Federal item identification guides.
Fiji:
extradition, agreement, 03785
Melanesian Journal, expeditions to study child growth and development etc., 06962
Filamentary materials:
aircraft metal structures reinforced with filamentary composites, 08017
UH-ID filament-wound tubular-reinforced blade, 07184
Filaments:
hydrogen peroxide cures filamentous growth in activated sludge, 07760

Filberts:
shelled and unshelled, improve quality—hearings, 06267
Files and filing (documents):
basic, for Federal agencies, FPM supp., 11334
New Communities Administration file manual, 11162
resource file, information and referral services, 03833
Filipinos, *see* Filipinos in United States.
Filipinos in United States:
number, by counties 1970 (map), 00781
Filling:
sand backfill, steel and fiberglass reinforced resin pipe, laboratory load tests on buried flexible pipe, 03725
Film (photography):
solid polymer electrolyte fluorocarbon film, properties, 08730
Film air-cooling, *see* Film cooling.
Film cooling:
adverse effect of film cooling on suction surface of turbine vane, 08742
film air-cooled turbine vane, pressure-loss and flow coefficients, 10226
film cooling in combustor operating at fuel-rich exit conditions, 06894
geometrical and flow parameters, effect on high-effectiveness region of film cooling, 10253
see also Cooling.
Film strips, *see* Filmstrips.
Films, *see* Motion pictures.
Films (coating):
sliding of poly (vinyl chloride) film onto metals studied by Auger electron spectroscopy, 08070
see also Oil films-Thin films.
Films (metallic), *see* Thin films.
Films (photography):
NBS film catalog, 05647
one to grow on, film and discussion series for mental health in classroom, announcement and order form, 10297
solid polymer electrolyte fluorocarbon film properties, 08730
structure of diamond films obtained from gaseous phase under low pressures, USSR study, 06767
use of illustrations of obligations & securities of United States & foreign governments, 01544
what's new on smoking in print and on film, bibliography, 04653
see also Motion pictures.
Filmstrips:
American Indian in films, 04501
equal opportunity for housing, what's it all about?, 03425
film fare, catalogue of films and filmstrips produced by Housing and Urban Development Department, 09352
Library of Congress catalog, 02242
see also Kalman filters.
Filters and filtration:
characterization of particulates and other nonregulated emissions from mobile sources and effects of exhaust emissions control devices on these emissions, 00027
color removal from Kraft mill effluents by ultrafiltration, 06565
development of high-purity filter for high temperature particulate sampling and analysis, 06560
enhancing trickling filter plant performance by chemical precipitation, 00337
methods for improvement of trickling filter plant performance, 01165
national air quality levels and trends in total suspended particulates and sulfur dioxide, 10500
organic contaminants in boundary waters using carbon filter techniques,Lake Huron, Lake Erie, 09594
pressure filtration of waste water sludge with ash filter aid, 00340
treatment of domestic wastewater and NSCC pulp and paper mill wastes, 09282
utilization of trickling filters for dual treatment of dry and wet weather flows, 06570
Whatman-41 filters used in air quality sampling networks, 11133
see also Band-pass filters—Kalman filters
Filtration, *see* Dewatering.
Finance:
accounting and finance manual, 00255
agricultural finance outlook, 04337, 06471, 09259
aid to the blind program, findings of 1970 AB study, financial circumstances, 05653
campaign financing, Presidential campaign activities of 1972—hearings, 07415, 08505
city financial emergencies, intergovernmental dimension, report, 04770
city governmental finances in 1971-72, 06093
class 1, railroads, financial and operating statistics, 05495-6
daily statement of Treasury, 01856
decisions of Interstate Commerce Commission, 09383
energy conservation in federally funded construction of buildings—hearings, 08432
Export-Import Bank of United States, statement of condition '73 fiscal year, 04392
Federal receipts for fiscal years 1973 and 1974, estimates, 00954
Federal-State-local finances, significant features of fiscal federalism, 05911
Federal, R & D funding by function, analysis, 08787
finance rate and other terms on—
new and used car installment credit contracts purchased from dealers by major auto finance companies, monthly release, 02021
selected categories of consumer installment credit extended by finance companies, 02022
financial developments 1973, 2d quarter, 00379
financial markets, impact of institutional investors in stock market—hearings, 05127
financial planning in ambulatory health programs, announcement, 10102
financial practices of government in metropolitan areas, study, 00458
financial statements—
Engraving and Printing Bureau, GAO examination, 08602, 09338
Export-Import Bank of United States, GAO examination, 04455
Federal Home Loan Mortgage Corporation, 1972-73, GAO examination, 04456
Federal Prison Industries, Inc., GAO examination, 09751
Government National Mortgage Association, GAO examination, 10934

Finance–Con.
Government Printing Office, GAO examination, 00425, 09339
Inter-American Foundation, GAO examination, 09340
National Credit Union Administration, 1973, GAO examination, 10079
Overseas Private Investment Corporation, GAO examination, 07372
Panama Canal Company and Canal Zone Government 1973, GAO examination, 08604, 09341, 09748
Saint Lawrence Seaway Development Corporation, GAO report, 11533
Tennessee Valley Authority, GAO examination, 09752
Veterans Canteen Service, GAO examination, 06680
financial status of selected major weapon systems, Defense Department acquisition, GAO report, 01246, 06681
financial structure and regulation of nation's financial system, with recommended changes–
hearings, 07468
financing condominium housing, 05449
financing new energy capacity, public policy issues, (remarks), 03370
financing postsecondary education in United States, 05656
financing schools and property tax relief, State responsibility, 00001
fiscal and ADP handbook, mortgage insurance, 09359
fiscal policy and energy crisis–
briefing material for Subcommittee on Energy, 04197
hearings, 05128-9, 07491
forest fire control, cooperative program financing, 00393
FSLIC insured, S&LA'S, combined financial statements, 05360
government finances, GF series, 02879, 04932, 04934, 06093
governmental, 1971-72, 04934
how health professions students finance their education, 05440
institutions of higher education, 1969-70, current funds, revenues and expenditures, 04347
limited success of Federally financed minority businesses in 3 cities, GAO report, 06688
low-rent housing financing handbook, 05461-2, 06723
low-rent housing turnkey handbook, 03429
manufacturing corporations, quarterly report, 02517
mental health care, financing in United States, 06957
National Commission on Consumer Finance technical studies, 01433
national priorities and budgetary process–
hearings, 06204
numerical specification of financial variables and their role in monetary policy, 08575
on financial protection for Federal employees, 08322
on meeting your financial obligations, FED facts, 11333
presidential campaign receipts, 1972 alphabetical listing, 04454
Presidential properties, expenditures–
hearings, 08396
procedural instructions for Federal reserve banks relating to deposits of food coupon receipts, effective Jan. 1, 1974, 07087
provide for financing economic development of Indians and Indian organizations, hearing, 07415
public financing of Federal elections–
hearings, 05186
public school, State constitutional provisions and legal materials, 06482
receipts and outlays of United States Government, monthly statement, 02321
receipts, expenditures, etc., U.S. Government, combined statements, 04767
receipts, selected services, monthly report, 01838
recommendations for change in U.S. financial system, 03812
rehabilitation financing handbook, 09368
residential census of housing, publication order form, 03934
sewage treatment financing by public bodies, 11743
small business financing by SBICs, summary, 10406
Soviet finance services of Armed Forces during war, USSR study, 09387-8
State and local assistance act, regulations governing payment of entitlements, 01590
State vocational rehabilitation agency, program and financial plan, 10397
statistics, Federal reserve monthly chart book, 02001
treasury bulletin, 02685
see also Banks and banking-Credit-International finance.
Finance Committee, Senate:
calendar, 02231
committee print, 00212-16, 01026-8, 04197, 05132, 06381, 07487, 07489, 07492, 07495-6, 09204-6, 09924, 09926, 10767
hearings, 00209-11, 04198-9, 05127-31, 05133, 06382, 07488, 07490-1, 07493-4, 08483, 09923, 09925, 09927, 10768, 11433
open executive session, 04200
report, 03143-5, 03151, 03153, 03242, 04177, 05098, 09906
Finance companies:
how FHA Board views service corporations (address), 06611
monthly report, 02020
Finance officers, *see* Disbursing officers.
Financial assistance, *see* Grants-in-aid.
Financial institutions, *see* Banks and banking.
Financial management, *see* Finance.
Financial statements, *see* Finance.
Findings, *see* Clothing.
Fine arts, *see* Paintings.
Fine Arts Commission:
appropriations, 1974–
law, 02944
report, 03006
waiving points of order, report, 02968
Fine plumes:
comparison of measured and calculated radiation exposure from boiling water reactor emission plume, 07232
Fingerprints:
fingerprint identification series, position-classification standard, 04957
science of fingerprints, classification and uses, 03337
Finite difference methods:
comparison of finite-difference schemes for analysis of shells of revolution, 05616

Finite difference methods–Con.
computer program for laminar, transitional and turbulent boundary layers for compressible axisymmetric flow, 11662
computer programs for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
finite element analysis and computer graphics visualization of flow around pitching and plunging airfoils, 01388
machine calculation of unsteady Mach reflections and Prandtl-Meyer supersonic flows, 05745
numerical marching techniques for finite difference solution for fluid flows with heat transfer, 06847
numerical simulation of noise propagation in jet engine ducts, 04623
Finite element method, *see* Strains and stresses.
Finland:
economic trends and their implications for United States, 03481
mineral industry, minerals yearbook chapter, 11051
Fins (aircraft/spacecraft):
fan-in-fin yaw control concept, effects on helicopter flying-quality characteristics, 06727
Fintland, Nguyen T., and daughter:
relief, 00837, 00978
FIPS, *see* Information storage and retrieval systems.
Fir:
Douglas–
land base for management of young-growth forests in douglas-fir region, 05399
lumber recovery from old-growth coast Douglas-fir, 05397
seven-year response of 35-year-old douglas-fir to nitrogen fertilizer, 05401
old-growth coast Douglas fir, veneer recovery, 07831
partial cutting in old-growth spruce-fir, 04445
silvicultural guide for spruce-fir in Northeast, 06643
spruce-fir regeneration, some observations on age relationships, 00399
Fire, *see* Fires.
Fire Administration:
establish–
hearings, 05086, 10761
report, 03197
Fire ant, *see* Ants.
Fire control, *see* Fires-Forest fires.
Fire control technicians:
aviation, I & C rate training manual, 07006
Fire extinguishers:
aircraft cabin fire extinguishing system, design calculating for a Halon1301 distribution tube, 09627
Fire extinguishing, *see* Fires:
Fire extinguishing agents:
bromochlorodifluoromethande, catalytic decompositon, 08171
Fire fighting, *see* Fires.
Fire prevention, *see* Fires.
Fire protection, *see* Fires-Forest fires.
Fire retardants, *see* Fires.
Fire surfacing materials:
Federal item identification guide, 05251, 07626
Firearms:
published ordinances, important information to gun dealers, 09678
reform of Federal criminal laws–
hearings, 08502
revenue rulings, etc., internal revenue bulletin cumulative index-digest system, 01687
Firefighters, *see* Firemen (fire fighters).
Firemen (fire fighters):
District of Columbia, examination announcement, 03962
provide benefits to survivors of firemen killed in line of duty–
retirement benefits, improve for certain personnel–
report, 02990, 03009
hearings, 04128
Fires:
aircraft cabin fire extinguishing system, design calculations for a Halon1301 distribution tube, 09627
Federal fire prevention and control act–
hearings, 10761
report, 03197
fire accidents involving ignition of sleepwear worn by children under age of 3, 08103
fire fighting equipment, Federal item identification guide, 07624
fire incidents involving sleepwear worn by children, 06923
fire prevention and control–
hearings, 05086
fire protection engineer, design manual, 06996
fire safety equipment for nursing homes, authorize insured loans to provide–
law, 06170
fire safety equipment for nursing homes, authorize insured loans to provide–
report, 10610
fire safety for aging–
hearings, 11402
kitchen ranges in fabric fires, 11168
large fire communications system–
Forest Service telecommunications study, 04452-3
lead hazard elimination, fire prevention in use of paint removers, 08759
NBS corridor fire tests, energy and radiation models, 06919
predisaster assistance for eucalyptus tree fire hazard–
hearings, 05044
report of fire tests on flexible connectors in HVAC systems, 06908
role of soot in transport of hydrogen chloride from fires, 11210
safe debris burning, 06676
safety, occupational health and fire protection bulletin, VA, 02566
speed of comprehending submarine fire control displays, 07959, 07961
ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame, 11259
water supply for fire protection, 03913, 10512
see also Forest fires.
Firing, *see* Gunnery.
Firms, *see* Business.
Firn, *see* Snow.
First Ladies Hall, *see* Smithsonian Institution.
First Ladies of White House:
dresses, First Ladies Hall, 03737
Fiscal policy, *see* Finance.
Fish and fisheries:
Alabama landings, 01636
analysis of commercial lobster (Homarus americanus) fishery along coast of Maine, Aug.1966-Dec.1970, 05702

Fish and fisheries–Con.
anesthesia for fish, quinaldine sulfate–
efficacy, 05810, 05812
preparation and properties, 05810
residue of quinaldine in fish following anesthesia, 05810, 05812
toxicity to fish, 05810, 05812
Boone Reservoir fish kill, May 9-11, 1969, 10058
California landings, 01698
canned fishery products,08781
Chesapeake landings, 00582
code of Federal regulations, 10045
commercial fisheries, U.S. Government assist and protect growth of American fishing fleets–
hearings, 04135
conservation and development of our Nation's fish and wildlife resources, environmental quality, and oceanography, compilation of Federal laws, 00153
conservation and protection of fisheries–
hearings, 04131
conservation, international enforcement to include additional geographic areas–
report, 10657
current fisheries statistics, 00582-4, 01471-4, 01636, 01698, 02024, 02029, 02052, 02063, 02076, 02264, 02267, 02279-80, 02302, 02365, 02372, 02383, 02550, 02593, 02602, 02648, 02737, 03665, 04677, 05691-2, 06967-9, 08140-1, 08781, 09544-7, 10308-10, 11178-81, 11690-1
Departmental briefings, hearings, 00941
distribution and relative abundance of fishes in Newport River, N.C., 05701
endangered species, hearings, 09200
EPA compendium of pesticides, mammal, fish and fish toxicants, etc., 01534
fish distribution reports, 03756
fish inventory data–
Chickamauga Reservoir, 10469
Wheeler Reservoir, 10470
fish virology, procedures and preparation of materials for plaquing fish viruses in normal atmosphere, 03755
fish-eye view of USA, oceanariums provide aquatic excitement for visitors of all ages, 08876
fisheries in western region of middle Atlantic Ocean, agreement with Polish People's Republic, 05837
fisheries, shrimp, agreement with Brazil, 11780
fishery bulletin, 02026
fishery facts, 05693, 09548
fishery products–
canned, 1973 annual summary (preliminary), 11180
industrial, 03665, 09545
fishery publications, lists and indexes, 00593-4
fishery statistics of United States, 1970, 05694
fishery zone to outer limits of Continental Shelf, establish–
hearings, 07481
fishes from national fish hatcheries, propagation and distribution, 03756
fishing for the future (remarks), 11507
fishing industry, congressional support–
report, 07375
five new bomolochid copepods parasitic on Indo-Pacific clupeid fishes, 11761
Florida landings, 02029
food fish, market review and outlook, 02035
freezing in the home, 00010
frozen fishery products, 02051-2, 10309
Georgia landings, 02063, 08140, 09547
grant-in-aid for fisheries, program activities, 04678
Great Lakes, 00584
Hawaii landings, 00583
industrial fishery products–
market review and outlook, 02154
investigations in fish control (series), 05810-2
larval fish counter, 11796
Louisiana landings, 01471, 02264, 11691
Maine landings, 02267
making fish protein concentrates by enzymatic hydrolysis, 01484
marine fisheries abstracts, 02273
marine fisheries review (monthly), 02274
Maryland landings, 02279
Massachusetts landings, 02280
mercury concentrations in fish in Lake Oahe, S. Dak., 10874
Middle Atlantic fisheries, 06969
middle Atlantic Ocean, western areas, fisheries, agreement with Union of Soviet Republics, 00678
miscellaneous bills, hearings, 07435, 09544
Mississippi landings, 02302
New England fisheries, landings, 05692
New Jersey landings, 02365, 04677
New York landings, 02372, 11181
North Carolina landings, 02383, 10308
production of fish fillets and steaks, 10310
productivity in fishing industries, 04716
progressive fish-culturist, 02503
publications, 1968, lists and indexes, 01483
publications, 1972, lists and indexes, 06984
radiation sterilized fish items, development, 04837
reciprocal fishing privileges, agreement with Canada, 03779
Rhode Island, landings, 02550
rodenticides and mammal, bird and fish toxicants, EPA compendium of pesticides, 01921
seasonal occurrence of young gulf menhaden and other fishes in northwestern Florida estuary, 03672
simultaneous determination and identification of MS-222 and metabolites in fish tissues, 05811
South Atlantic, annual summary, 08141
South Carolina landings, 02602, 09546, 11690
special scientific report, fisheries series, 01484, 03672, 05701-3, 06986, 09553
sport fishery abstracts, 02607
sport fishery research, 1971, progress, 08223
statistical digest, 05694
subfamily Salmoninae, interspecific hybridization of fishes, annotated bibliography, 10315
swimming hydrodynamics of fish, USSR study, 09405
Texas landings, 02648, 05691
timber-harvesting effects on stream temperatures and fish populations, 08589
treating water containing rotenone preparation used in fishery management, 11733
U.S. production of fish fillets and steaks, 06968
unharvested fishes in U.S. commercial fishery of western Lake Erie in 1969, 06986
United States marine fishery resources, MARMAP (marine resources monitoring, assessment and prediction program), contribution, 11182
Viral hemorrhagic septicemia (VHS), 03754
Virginia landings, 02737
Fish culture, *see* Fish and fisheries.

Fish ladders, *see* Fishways.
Fish meal:
production, monthly reports, 02024
Fish oil:
production, monthly reports, 02024
Fish sticks:
and fish portions, current fisheries statistics, 02025
Fisher Creek:
flood plain information, Santa Clara County, Calif., 01115
Fisheries, *see* Fish and fisheries.
Fishermen:
expectations and pay-lake profits, 06664
Fishery products, *see* Fish and fisheries.
Fishing, *see* Fish and fisheries.
Fishing gear, *see* Trawls and trawling.
Fishing vessels:
reappraisal of ships in maritime, river, and fishing fleets, Jan. 1, 1973, price list 27, USSR study, 09385
Fishways:
hydraulic model investigations–
fish ladders for Lower Monumental Dam, Snake River, Wash., 09267
fish ladders, modification, Bonneville Dam, Columbia River, Oreg. and Wash., 09268
Fission:
irradiation of broken pin in sodium circuit, 09689
Fittings, *see* Pipe and pipe fittings.
Fittings (auxilliary parts):
conduits, Federal item identification guide, 03262
rope, cable and chain fittings, Federal item identification guide, 07604
FIXCORD (fix coordinates), *see* Geography
FIXDIME, *see* Geography
Flags:
crossed flags, 10-cent stamp in sheet and coil form (poster), 03817
flag and flag-like items, Federal item identification guide, 03266
presentation of flag to deceased members of National Guard and Selected Reserve–
hearings, 07389
thirteen-star flags, keys to identification, 05790
twelve flags of American Revolution, 11034
United States, presentation for deceased members of Ready Reserve, law, 10584
Flames:
constant-volume flame propagation, 11631
flame emission determination of phosphorus in water, 01163
flame spread rate of plexiglas nylon and teflon, effects of pressure, oxygen concentration, and forced convection, 08073
safe debris burning, 06676
ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame, 11259
Flaming Gorge:
general information, 04721
Flammability, *see* Inflammable materials.
Flammable fabrics, *see* Textiles.
Flanges:
effects of flanges on pressure distribution on flat plate and on corrugated surface, 08719
Flaps (aircraft):
aerodynamic characteristics of finite-span wing with flap moving near solid wall, USSR study, 09394
externally blown flap STOL aircraft–
typical approach and landing simulator study, 11661
transport, simulation of decelerating landing simulator study, 11661
influence of wing loading on turbofan powered STOL transports with and without externally blown flaps, 03588
NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, low-speed aerodynamic characteristics, 11097
STOL aircraft with externally-blown jet-augmented flaps, calculation of longitudinal aerodynamic characteristics, 08031
Flares:
externally blown flap STOL aircraft, flare window and touchdown simulator study, 11661
flight investigation of approach and flare window from simulated breakout altitude of subsonic jet transport and comparison with analytical models, 11139
Flat Creek:
benthic survey near Thayne, Wyo., 10871
Flat packs, *see* Packs.
Flat plates, *see* Plates.
Flat Tops Wilderness:
designate parts of White River and Routt National Forests–
report, 01000
Flat Tops Wilderness area:
designate in Routt and White River National Forests, Colo.–
hearings, 04212
Flathead Indians:
reading list, Salish Indians, 01304
Flatwear:
cutlery and flatwear, Federal item identification guide, 03283
Flavors:
flavor materials, production and sales, 09634
FLC, *see* Federal Library Committee.
Fleet, *see* Merchant marine.
Flemming, Arthur S.:
nomination–
hearings, 04240
Flexibility:
compliant or flexible wall drag reduction in turbulent boundary layers, 10209
flexible connectors in HVAC systems, report of fire tests, 06908
flexibly packaged cakes, development, 04846
nonlinear transient analysis of multi-mass flexible rotors, theory and applications, 03581
Flies:
citrus blackfly quarantine, proposal–
hearings, 05047
elm sawfly, 06642
horn flies on cattle, large scale rearing, 07101
West Indian sandflies of genus Culicoides (Diptera: Ceratopogonidae), 07130
Flight:
aerospace safety (periodical), 01607
AH-IG helicopter design and operational flight loads study, 07182
aided inertial navigation applied to landing operations, results from study, 03600
aircraft flight testing, parameter estimation techniques and applications, symposium, 11666
Apollo experience report–
flight control data needs, 11149
boost-glide transport technology planning, cost, 09480
calibration test of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
cold-weather flight tests of OH-58 helicopter with elastomeric-bearing main rotor, 07188

Flight–Con.
data, extraction of longitudinal aerodynamic coefficients for F-8 aircraft with supercritical wing, 09502
design and operational flight loads study–
CH-47A, 06015
CH-54A, 07181
design, fabrication, and flight test of active arm external load stabilization system for cargo handling helicopters, 07190
effect of flight density and background noise on V/STOL acceptability, 08018
exhibition flight, 06901
fan-in-fin yaw control concept, effects on helicopter flying-quality characteristics, 08727
fixed-base flight simulation study of decoupled and landing of STOL transport aircraft , 08053
flight evaluation of advanced control systems and displays on general aviation airplane, 11155
flight evaluation of HL-10 lifting body handling qualities at Mach numbers from 0.30 to 1.86, 08071
flight information publication, U.S. Government, Pacific chart supplement, 02717
flight instructors, certification, Federal aviation regulations, 01950
flight investigation of approach and flare from simulated breakout altitude of subsonic jet transport and comparison with analytical models, 11139
flight Reynolds number effects on contoured boattail nozzle at subsonic speeds, 09494
flight services handbook, 05981
flight study of vehicle operational status and monitoring system, 08072
flight test guide–
commercial pilot, airplane, 03382
instrument pilot, airplane, 00385
instrument pilot, helicopter, 10926
multiengine airplane class and type ratings, 01230
private and commercial pilot, free balloon, 00386
private and commercial pilot, glider, 03383
private and commercial pilot, gyroplane, 01231
private and commercial pilot, helicopter, 04421
flight test–
pressurization system used to measure minor atmospheric constituents from aircraft, 08739
flight training, air navigation, manual, 02833
flight-determined stability and control characteristics of M2-F3 lifting body vehicle, 08066
flight-type laminar radiator with Brayton power system, performance, 08738
human force and motion-sensing mechanisms, modeling, 00030
in-flight stabilization of externally slung helicopter loads, 06010
information manual–
international, amendments, 02173
investigation of maneuverability of S-67 winged helicopter, 00041
lateral static and dynamic aerodynamic parameters of Kestrel aircraft (XV-6A) extracted from flight data, 10238
MAC flyer (periodical), 02265
manufacturing methods technology (MM&T) for ballistic-tolerant flight control components, 00038
media adjunct programming, individualized media-managed approach to academic pilot training, 09676
monitor for jet disk cracks and use of critical length criterion of fracture mechanics, 06887
noise measurement program using standard and modified SH-3A helicopter, 08051
OH-6A helicopter design and operational flight loads study, 08291
practical test guide–
flight instructor, 03384
private and commercial pilot, flight test guide–
gyroplane, 01231
rotorcraft flight simulation computer program, C-8l general description, 00743
rules, Federal aviation regulations, 01947
services, handbook, 02028, 05981
SSME, space shuttle main engine side loads analysis for flight configurations, 11117
structural mode control system for XB-70 aircraft, investigation, 03608
test data for Cessna Cardinal, 08025
UPT maneuvers for automated proficiency measurement development, selection and analysis, 02822
velocity effects on jet noise of several variations of l2-chute suppressor installed on plug nozzle, 08043
see also Instrument flying–Space flight.
Flight crews:
flight crewmember certificates, Federal aviation regulations, 01948
flight incentive pay for aviation crewmember duties–
hearings, 06275
report, 10618
other than pilots, certification, Federal aviation regulations, 01950
validation of two aircrew psycho-motor tests, 08887
Flight engineering:
Apollo experience report–
data management for postflight engineering evaluation, 11148
Flight instruction, *see* Flight.
Flight instruments, *see* Aeronautical instruments.
Flight simulation:
motion software for synergistic six-degree-of-freedom motion base, 05618
see also Simulation.
Flight simulators:
compensation based on linearized analysis for six-degree-of-freedom motion simulator, 05617
quasi-optimum design of six degree of freedom moving base simulator control system, 03584
Flight training, *see* Flight.
Flood control, *see* Floods.
Flood insurance, *see* National flood insurance.
Floods:
Alamitos Creek, including Guadalupe Creek, Arroyo Calero and Santa Teresa Creek, Santa Clara County, Calif., 01125
Allegheny County, Pa., 11461
Aptos Creek, Aptos, Calif., 01135
Arkansas River, Little Rock, Ark., 07671
Buena Vista Creek, Pacific Ocean to Vista, San Diego County, Calif., 01126

Floods–Con.
channeled scablands of eastern Washington, geologic story of Spokane flood, 08611
Chicopee River, Chicopee to Wilbraham, Mass., 07702
Cibolo Creek, Universal City and Schertz, Tex., how to avoid damages, 00313
Clarksburg, W.Va., 00304
Collins River, Barren Fork, Hickory & Charles Creeks, McMinnville, Tenn., 06517
control project–
south Ellenville, Rondout Creek basin, New York, hydraulic model investigation, 10819
damage prevention, indexed bibliography, 09468
Dry Creek and tributaries, Roseville, Calif., 00312
effects of urbanization on sedimentation and flood flows in Colma Creek basin, Calif., 11537
Elizabeth City, N.C., Pasquotank River and Charles Creek, Knobbs Creek and tributary, 06513
Farmers Branch and Rawhide Creeks, Farmers Branch, Tex., 06518
flash floods, general information, 10353
Flood control act, amend–
law, 00098
report, 09880
flood control, water resources development–
hearings, 06306
Flood disaster protection act–
hearings, 08473
report, 04178
flood hazard analysis, Passumpic River, Lyndon, Vt., 00639
flood plain information series, 06501-11, 07687-99
flood plain information–
Alamitos Creek including Guadalupe Creek-Arroyo Calero and Santa Teresa Creek, Santa Clara County, Calif., 00300
Aptos, Trout and Valencia Creeks, city of Aptos, Calif., Santa Cruz County, Calif., 01112
Big Buffalo Creek, Little Buffalo Creek, Sanford, N.C., 01113
Black Fork Creek, Tyler, Tex., 06501
Buena Vista Creek, Pacific Ocean to Vista, San Diego County, Calif., 01114
Chicopee River, Chicopee, Springfield, Ludlow, Wilbraham & Palmer, Mass., 07687
Collins River, Barren Fork, Hickory and Charles Creeks, McMinnville, Tenn., 06502
Farmers Branch and Rawhide Creeks, Farmers Branch, Tex., 07688
Fisher Creek, Santa Clara County, Calif., 01115
Fresno River and Cottonwood, Little Dry, and Root Creeks, Madera, Calif., 01116
Howell Creek and tributaries, West Plains, Mo., 06503
Kenai River, phase I, Kenai Peninsula Borough, Alaska, 00301
Kit and Northeast Creeks, Research Triangle area, Durham and Wake Counties, N.C., 06504
Mill Slough, Osceola and Orange Counties, Fla., 06505
Naugatuck River, Ansonia, Seymour, Beacon Falls, Naugatuck, Waterbury, Watertown, & Thomaston, Conn., 07689
North Fork Kentucky River and Trace Fork, vicinity of, 07690
North Platte, Nebr., North Platte River and South Platte River, 07691
Oatka Creek, and Genesee River, town of Wheatland, Monroe County, N.Y., 06506
One Hundred and Two River, St. Joseph, Mo., 07692
Onion Creek, Austin, Tex., 07693
Pasquotank River, Charles Creek, Knobbs Creek, Knobbs Creek tributary, city of Elizabeth City, N.C., 07694
Pearl River-Neely Creek, vicinity of Jackson, Hinds, Rankin, and Madison counties, Miss., 00302
Pearl River, Bogue Lusa and Coburn Creeks, vicinity of Bogalusa, La., 07695
Rapid Creek, Rapid City, S. Dak., 01117
Roanoke River, Chocoyotte Creek, Weldon, N.C., 06507
Saint Joe & Saint Maries Rivers, Saint Maries and vicinity, Idaho, 01118
San Antonio Creek and tributaries, Ojai, Ventura County, Calif., 06508
San Felipe Lake and Pacheco Creek, San Benito County, Calif., 01119
San Lorenzo River, Boulder Creek, Felton, Santa Cruz County, Calif., 00303
Santa Clara River and Piru Creek, Piru, Calif., 06509
Soquel Creek, Santa Cruz, County, Calif., 01120
South Santiam River, Lebanon, Oreg., 06510
Sugar Creek, Little Nixon Creek and tributaries, Brownsville, Tenn., 07696
Tuscarawas River and adjacent tributary areas, Tuscarawas County, Ohio, 07697
Uvas-Carnadero Creek, Pajaro River to Uvas Reservoir, Santa Clara County, Calif., 01121
Van Duzen River, Humboldt County, Calif., 01122
Vermilion River and tributaries, Lafayette, La., 06511
White River, Polk Bayou and Millers Creek, Batesville, Ark., 07698
Williamette River, Harrisburg, Oreg., 07699
Williamson Creek, Austin, Tex., 07700
Yakima River, city of Selah and vicinity, Wash., 01123
flood profiles in Umpqua River basin, Oreg., 10944
flood proofing, introduction, principles and methods, outline, 04351
flood survey at proposed TAPS (trans-Alaska pipeline) crossing of Yukon River near Stevens Village, Alaska, 10945
floods and flood control, 1973, on Mississippi, 05309
floods on North Creek, South Creek, Catfish Creek, Clower Creek, Elligraw Bayou, Matheny Creek, Sarasota County, Fla., 00308
floods, flash floods, and warnings, 05719
flood–
hazard analyses, Passumpsic River, Lyndon, VT., 00639
Fresno River and Cottonwood, Little Dry, and Root Creeks, Madera, Calif., 01136
Geneseo Creek, Geneseo, Ill., 00307

Floods–Con.
Guernsey County, Ohio, 07686
Hawaii, investigation, progress report, 03410, 10946
historic flood information for northern California streams from geological and botanical evidence, 04473
how to avoid damage–
Black Fork Creek, Tyler, Tex., 06516
Brownsville, Tenn., Sugar Creek and Little Nixon Creek watersheds, 06512
Carters Creek, Bryan and College Station, Tex., 11462
Cibolo Creek, Universal City and Schertz, Tex., 00313
Hazard, Ky., vicinity, 06515
James River, Howardsville to Scottsville, Albemarle County, Va., 11463
Johnson Creek and tributary, Chesterfield County, Va., 11464
Mechunk Creek, Albemarle County, Va., 11467
Proctors Creek, Chesterfield County, Va., 11469
Howell Creek in West Plains, Mo., 06526
Keene, N.H., 00305
Kenai River, Moose Range Boundary upstream to Moose River, Kenai Peninsula Borough, Alaska, 01127
Levy County Coastline, 11465
Little Neshaminy Creek, Bucks County, Pa., 11466
magnitude and frequency of floods in small drainage basins in Idaho, 03414
magnitude of frequency in small drainage basins in Idaho, design method, 05431
Mill Slough, Osceola County, Fla., 06519
Mississippi River, supplemental appropriation for flood control–
proposal, 09872
Montana, annual peak discharges from small drainage areas, 01250
national flood insurance program, 10968–
Spanish edition, 05463
national program for managing flood losses, guidelines for preparation, transmittal, and distribution of flood-prone area maps and pamphlets, 02160
North Creek, South Creek, Catfish Creek, Clower Creek, Ellisgraw Bayou and Matheny Creek, Sarasota County, Fla., 00308
Oatka Creek and Genesee River town of Wheatland, N.Y., 07703
Ohio River, Lawrence County, Ohio, 11468
Orofino, Idaho, Orofino Creek and Whiskey Creek, 00306
Pearl River and Neely Creek, vicinity of Jackson, Miss., 01128
Pearl River, Bogue Lusa and Coburn Creeks, vicinity of Bogalusa, La., 07704
Polk County, Oreg., 11232
problems in certain areas of Hackensack River basin, Saddle River basin, Passaic River basin, and Pompton River basin, New Jersey, hearings, 00162
profiles–
Hillsborough River, Florida, 11538
Research Triangle area, N.C., Kit and Northeast Creeks, 07701
Roanoke Rapids and Weldon, N.C., Roanoke River and Chockoyotte Creek, 06514
Roaring Fork River and Castle and Hunter Creeks, Aspen, Colo., 00314
Saint Joe & Saint Maries Rivers, vicinity of Saint Maries, Idaho, 01129
San Antonio Creek and tributaries, Ojai, Ventura County, Calif., 06523
San Felipe Lake and Pacheco Creek, San Benito County, Calif., 01130
San Lorenzo River, Boulder and Bear Creeks, Santa Cruz County, Calif., 01131
Sanford, N.C., Big Buffalo Creek and Little Buffalo Creek, 01124
Santa Clara River and Piru Creek, 06524
Sarasota County coastline, 00309
serious flooding along Great Lakes, 1973, and activities of International Joint Commission U.S. and Canada–
hearings, 05060
Soquel Creek, Santa Cruz County, Calif., 01137
South Santiam River near Lebanon, Oreg., 06520
special flood hazard information, 01142, 07707-10–
Clark Fork, Missoula to Alberton, Mont., 07706
Gallatin River, Gallatin County, Mont., 01142
Mill Creek, Gekeler Slough, La Grande, Oreg., 07707
Pack River, Bonner County, Idaho, 07708
South Fork Palouse River, Moscow, Idaho and vicinity, 07709
Upper White Oak Creek basin, 07710
stage-discharge relations affected by changing discharge, dynamic model, 10318
Turkey Creek and Joplin Creek, in vicinity of Joplin, Mo., 11472
Uvas-Carnadero Creek near Gilroy, Calif., 01132
Van Duzen River, Humboldt County, Calif.,, 01133
Vermilion River and tributaries, Lafayette, La., 06521
Walnut Creek, Austin, Tex., 07705
Wapsipinicon River and Malone Creek, Independence, Iowa, 00310
West Fork Des Moines River and Perkins Creek, Windom, Minn., 00311
Willamette River near Harrisburg, Oreg., 06522
Williamson Creek, Austin, Tex., 06525
Yakima River, vicinity of Selah, Wash., 01134
Floor coverings:
ceramic wall and floor tile, utilization of phosphorus furnace slag in production, 09468
durability and maintenance as related to selection of flooring, 00561
Federal item identification guide, 07623
radiant panel test for flooring materials, development, 08754
Floor polishing machines:
floor polishers and vacuum cleaning equipment and components, 04319
Floors and flooring:
concrete floor slabs on grade, design manual development, 07683
durability and maintenance as related to selection of flooring, 00561
how to clean floors, 03868
see also Floor coverings.
Florence, Italy:
European Parliament, 5th meeting,report
Florida:
census of population–
characteristics of population, 02866

Florida–Con.
census portrait, 08311
climatological data, 01728
county business patterns, 1972, 00058
estuaries, protecting–
hearings, 05069
hourly precipitation data, 02099
important native grasses for range conservation, 11233
landings, fish and shellfish, 02029
lower Hillsborough River, profiles, 11538
mineral interests conveyance–
law, 10589
mineral interests, convey to record owners of land–
report, 10614-5
oranges, prices, costs and margins fresh and processed, 08535
phosphate slimes, electrophoresis and coagulation studies, 07990
protecting America's estuaries–
hearings, 04107, 06303
registry of minority contractors and housing professionals–
listing in selected cities, 00453
seasonal occurrence of young gulf menhaden and other fishes in northwestern Florida estuary, 03672
southeast, ocean outfalls and other methods of treated wastewater disposal in southeast Florida, 01180
vegetation in relation to water depth in conservation area 3, 10952
water resource data, streams, northern and central, 00440
Florida Flood Control District, *see* Central and Southern Florida Flood Control District.
Flotation:
dissolved air flotation thickening of waste activated sludge at municipal sewage treatment plants, cost, 11476
flotation of carbonate minerals from unaltered phosphate ores of Phosphoria formation, 11059
Marquette Range nonmagnetic taconite using innovative procedures, 07997
pyrite from coal, pilot plant study, 01382
superconcentration of commercial magnetic taconite concentrates by cationic flotation, 11055
see also Air flotation.
Flour:
barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
Flour mills:
and other grain mill products, industry wage survey, 11581
flour milling products, summary for 1973, 11327
products, current industrial reports, 00063-4, 01846
Flow:
acoustic tests of 15.2 centimeter-diameter potential flow convergent nozzle, 09488
base flow in Acme-Artesia reach of Pecos River, 1957-71, N. Mex., 04460
big eddies and mixing processes in Great Lakes, 05318
boundary layer trip protuberances in overexpanded rocket nozzles, procedure for calculation, 11119
characteristics and pollution problems of irrigation return flow, 10822
cold-air investigation of turbine for high-temperature-engine application, 11663
comparison of measured and calculated velocity profiles of laminar incompressible free jet at low Reynolds numbers, 10244
computer program for laminar, transitional and turbulent boundary layers for compressible axisymmetric flow, 11662
conically diffused flow with nearly separated boundary layer, 06889
crossflow effects on impingement cooling of turbine vane, 08724
decay of far flow field in aircraft trailing vortices, 08075
digital-computer programs for analysis of ground-water flow, 00431
distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101
dry and wet weather flows, utilization of trickling filters for dual treatment, 06570
effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
effects of flow angle with flutter of elastically supported orthotropic panels, 11125
exploratory investigation of a wake disruption technique for studying wake reestablishment time, 11100
finite element analysis and computer graphics visualization of flow around pitching and plunging airfoils, 01388
flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
flight Reynolds number effects on contoured boattail nozzle at subsonic speeds, 09494
flow and chemical characteristics of Saint Johns River at Jacksonville, Fla., 01253
flow coefficients inside turbine vane, 10226
flow control devices of porous stainless-steel, development, 02859
flow of funds–
unadjusted, 02031
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial or mixed-flow turbo-machine, programmer's manual, 09500
FORTRAN programming for surface wave trains, 05732
forward-slanted slot throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 10221
free-stream temperature, density and pressure measurements in expansion tube flow, 03598
fuselage flow fields at transonic and supersonic speeds, investigation at inlet locations, 01408
gas flow analysis during thermal vacuum test of spacecraft self-contamination, 06892
geometrical and flow parameters, effect on high-effectiveness region of film cooling, 10253
highly underexpanded sonic jet ejecting from flat plate into subsonic crossflow, 05615
hot-flow problems related to gas core reactor, simulator tests to study, 06845

Flow–Con.
hypersonic aerodynamics characteristics of family of power-law, wing-body configurations, 06881
incompressible flow momentum theory of fan-in-wing VTOL configuration, 08731
injection of heated turbulent jet into cross flow, analysis, 05635
inlet flow distortion noise from subsonic fan, combined quadrupole-dipole model, 10258
isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base alloys, 06888
leading-edge serrations on reducing laminar flow unsteadiness about airfoils, 05610
liquefaction, flow, and associated ground failure, 05427
liquid-metal flows in magnetohydrodynamic systems, USSR study, 03509
low flow rate carbon adsorption method, model LF-2, organics sampler for water, specifications, 07817
low-flow characteristics of streams in Pacific slope basins and lower Columbia River basin, Wash., 04471
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
mean hypersonic flow and turbulence measurements in Mach 5 free shear layer, 08054
measured pressure distributions on large-angle cones in hypersonic gas flows, 08059
measurement in base cooling air passages of rotating turbine blade, 11153
methods which predict supersonic flow fields from body geometry, distance, and Mach number, study, 06873
numerical marching techniques for fluid flows with heat transfer, 06847
optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
pilot model expansion tunnel test flow properties obtained from velocity, pressure, and probe measurements, 06862
population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas with large parameter greadients, USSR study, 05521
Prandtl-Meyer supersonic flows and unsteady Mach reflections, machine calculation, 05745
prediction of overall and blade-element performance for axial-flow pump configurations, 00547
principles and measuring techniques of turbulence characteristics in open-channel flows, turbulence in water, 00438
pump acceptance test, flow measurements by salt velocity method, 05774
screen-induced total-pressure distortion effects on axial-flow compressor stability, 10225
sharp- ana blunt-nose effect on hypersonic flow field of streamwise corners at Mach 20, 10234
simplified holographic-interferometry technique for real-time flow visualization and analysis, 08725
slurry flow in vertical pipes, 01479
sonic boom problem, research–
flow field measurement in wind tunnel and calculation of second order F-function, 04608
second-order solutions for flow field around slender bodies in supersonic flow for sonic boom analysis, 04607
sound propagation in and radiation from acoustically lined flow ducts, 05609
subsonic inlet lip geometry on predicted surface and flow Mach number distributions, effect, 06882
supersonic stream parameters of real gas calculation from measurable quantities using FORTRAN IV routines, 10256
theory of elasto-plastic flow, review of developments, 04604
thermodynamic analysis of axial-flow lasar-powered thruster, 09497
three dimensional flow characteristics in 3 bladed rocket pump inducer, investigations, 03579
three-dimensional supersonic nozzle flow analysis modification and comparison with experimental data, 08722
transonic flow single-mode flutter and buffet of low aspect ratio wing having subsonic airfoil shape, 08052
turbulent flow in flexible pipes and ramjet engines, USSR study, 04540
viscous flow in glass during phase separation, investigation, 03644
water flow through stratigraphic layers of snow, effects, 01102
see also Vortex flow.
Flow of water, *see* Hydraulics.
Flowers:
growing flowering annuals, 02815
production and sales, 11253
summer and fall wildflowers of Land Between the Lakes, 03804
Flowmeters:
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
Flu, *see* Influenza.
Flue gases:
desulfurization, answers to basic questions, 08285
Flue plumes:
lidar studies of stack plumes in rural and urban environments, 06552
Fluerics:
flueric sounding rocket motor ignition, 11091
Fluid bearings, *see* Bearings (machinery).
Fluid bed processes, *see* Fluidization.
Fluid flow, *see* Flow.
Fluid mechanics, *see* Continuum mechanics-Mechanics (science).
Fluidics:
bolt, fluid passage, Federal item identification guide, 04289
hydrofluidic yaw SAS, stability augmentation system, analysis, 08296
use of fluidic oscillator to measure fuel-air ratios of combustion gases, 11109
Fluidization:
fluidized-bed combustion and regeneration of sulfur-containing additives, reduction of atmospheric pollution by application, 04373
fluidized-bed combustion process, evaluation–
fluidized-bed boiler combined-cycle power plant development, appendices, 07740
pressurized fluidized-bed combustion process development and evaluation, 07745
fluidized-bed combustion, international conference proceedings, 10836

Fluidization—Con.
regenerative pressurized fluidized-bed combustion process, evaluation, 10837
Fluidized bed process, *see* Fluidization.
Fluids:
on growth and collapse of mixed regions in stratified fluids, 08168
vortex shedding current meter for measuring flow of fluids, 11185
Flumes:
laboratory flumes, turblence data summary, 06706
Fluorescence:
trace metal water pollutants determined by X-ray fluorescence, 08173
x-ray fluorescence spectrometer for airborne particulate monitoring, 01169
Fluorescent lamps, *see* Electric lamps.
Fluorides:
emissions from aluminum plants at Columbia Falls, damage to public lands—hearings, 07414
fluoride sampling and analytical methods, evaluation and modification, 07741
phase relations in alkaline earth fluoride-yttria systems, 11633
Fluorine:
fluorine content, atmosphere and burnishing technique, effect on lubricating properties of graphite fluoride, 09509
fluorine content in quarpel-treated fabrics by analysis with 14 MeV nautron activation source, 04835
HF system at 40° C with other solubility curves from 25° to 70° C, 03565
recovery of fluorine from low-grade calcareous fluorspars—preliminary studies, 11061
thermodynamic properties of compressed gaseous and liquid fluorine, 06916
Fluorocarbons:
solid polymer electrolyte fluorocarbon film, properties, 08730
Fluorspar:
mineral industry survey, annual, 00535
mineral industry surveys, quarterly, 02033
minerals yearbook chapter, 10191
Flutter (aircraft):
flutter analysis and testing of pairs of aerodynamically interfering delta wings, 03593
flutter of elastically supported orthotropic panels including effects of flow angle, 11125
recovery of fluorine from low-grade calcareous fluorspars—preliminary studies, 11061
stall flutter of helicopter rotor blade, analysis, 04605
supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
transonic single-mode flutter and buffet of low aspect ratio wing having subsonic airfoil shape, 08052
Flux:
characteristics of capacitor-type micrometeo-
powerful relativistic defense tubular electron fluxes, gyromagnetic compression, USSR study, 01340
solar flux, 1-3000 A, for moderate level of solar activity for use in modeling ionosphere and upper atmosphere, 03670
Flux (neutron), *see* Communications.
Flyby missions, *see* Space missions.
Flyers, *see* Aviators.
Flying, see Flight—Instrument flying.
Flying schools, *see* Aeronautics.
FM (radio), *see* Radio frequency modulation.
FMC, *see* Federal Maritime Commission.
FNIC, *see* Food and Nutrition Information Educational Materials Center.
FNS, *see* Food and Nutrition Service.
Foam:
ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
hydrostatic testing of syntactic foam in mineral oil, 07001
low density foams for vacuum insulation, 08301
Foamed plastics, *see* Plastics.
Focusing:
focused ultrasound, physical mechanism of destruction of biological tissues, USSR study, 09401
magnetic refocusing in linear-beam microwave tubes, 11143
Fog:
dispersal experiment using helicopter downwash, 04823
marine fog observations in Arctic, 11206
Project Foggy Cloud 4, warm fog modification by electrostatically charged particles, 08177
Foggy Cloud project, *see* Project Foggy Cloud.
Folders:
office folders, holders, and accessories, Federal item identification guide, 05256
Foliage, *see* Leaves.
Food:
acceptability and stability of intermediate moisture food, effect of high temperature storage, 04842
additional Federal financial assistance to school lunch and breakfast programs—hearings, 06359
allergy, 01663
and nutrition, training extension aides, basic lessons, 03329
assure consumers of plentiful supplies at reasonable prices—report, 02975
central refrigeration system for proposed food distribution center, New Orleans, La., 02806
code of Federal regulations, 11516
commercial impact determinants, monthly report, 01788
composition table for use in East Asia, 03662
consumption, prices, expenditures, 05279
controlled environment agriculture, global review of greenhouse food production, 06341

Food–Con.
East Asian foods and nutrition, bibliography, 04663
embargo as response to present Arab oil boycott, data and analysis, 06234
family fare, guide to good nutrition, 00009
fats in food and diet, 05933
FDA information materials for food and cosmetic industries, 08580, 10064
Federal food inspection act–
hearings, 07558
Federal food programs, 1973–
hearings, 04243, 05171
Federal food programs, 1974, 09955
Federal food, drug, and cosmetic act–
amend, hearings, 06339, 07427-8, 07558
amend, report, 06339
legislative history, 10704
flexibly packaged cakes, development, 04846
food and agricultural exhibits throughout the world, 04423
food and agricultural exports directory, 09328exhibits throughout world, 04423
food and nutrition (periodical), 02034
food and other consumer price increases–
hearings, 05008
food buying guide for child care centers, 10930
food distribution centers, solid waste management, 08277
food for young couple, 00720
food is more than just something to eat, 05937
food makes the difference, ideas for economy-minded families, 05949
food moves on fuel, it takes 1 gallon of gas for 450 eggs, 08882
food price changes, 1973-74, and nutritional status, 05172
food price changes, 1973-74, reference materials, 07567
food safety in kitchen, 09663
food supplements, definition for FDA labeling purposes–
hearings, 07427-28
food-cooking, baking-serving equipment, Federal item identification guide, 00263
foods for families in food distribution program, estimated nutritional value, 08581, 09327
gas- and electric-powered central refrigeration systems for food distribution centers, evaluation, 02005
growth and its implications for future on resources, environment and food supply–
hearings, 09104, 10710
handling and space costs for selected food wholesalers in urban food distribution centers, 04782
household consumption survey, 1963-66 report, 11295
how to buy, lesson aids for teachers, 07109
humanity and food resources, USSR study, [illegible]
immovable feast–
crisis in rural transportation, [illegible]
transportation, energy crisis, and rising food prices for consumer, 05108
improving food marketing systems in developing countries, 07651
national food situation, [illegible]
nutrition and food availability, 09234
nutrition and health, 09959
nutrition and international situation, 09235, 09960
nutrition and special groups, 09236
nutrition information and programs, selected papers, 09961
nutrition, health, and development services, 11437
technology, agriculture advances and production, selected papers, 09962
new look in food labels, 01232
nutrition and human needs, national survey–
hearings, index, 06403
nutrition labels on food, we want you to know, 04422
phas 4, final food regulations, 00250
plentiful food, PF series, 02437
price investigations–
hearings, 04129
program–
technical amendments, 08504
race between food and population (address), 11297
radiation dosimetry at cryogenic temperatures using thermoluminescence, 04836
radiation-sterilization of food, statistical analysis, 04854
realistic look at food reserves (address), 05952
retail prices by cities, 01923
safety procedures–
report, 06339
special summer food service program for children–
site handbook, 07127-28
special supplemental food program, preliminary report, GAO report, 01248
supplementary food programs–
hearings, 04243
trends in world food supply and demand balance (address), 07656
U.S. agricultural developments and policies and world food situation (remarks), 05958
U.S. and world food security, selected papers, 08469
U.S. and world food situation–
hearings, 06361
U.S. food fat consumption trends, 11454
USDA data inventory, 07340
we have been wrong again (address), 05959
weekly Government abstracts, 02760
world food grain situation, hearings, 09214
world food security, global priority–
hearings, 07408
your money's worth in food, 07117
see also Canned foods-Diet-Dried foods-Food poisoning-Frozen foods-Nutrition-Rations-School lunches
Food and Drug Administration
appropriations, 1974–
report, 06224
chemist, job description, 10928
clinical experience abstracts, 01939
facts from FDA, 01232
FDA consumer, [illegible]
FDA drug bulletin, 01941
FDA information materials for food and cosmetic industries, [illegible]

Florida–Con.
census portrait, 08311
climatological data, 01728
county business patterns, 1972, 00058
estuaries, protecting–
hearings, 05069
hourly precipation data, 02099
important native grasses for range conservation, 11233
landings, fish and shellfish, 02029
lower Hillsborough River, profiles, 11538
mineral interests conveyance–
law, 10589
mineral interests, convey to record owners of land–
report, 10614-5
oranges, prices, costs and margins fresh and processed, 08535
phosphate slimes, electrophoresis and coagulation studies, 07990
protecting America's estuaries–
hearings, 04107, 06303
registry of minority contractors and housing professionals–
listing in selected cities, 00453
seasonal occurrence of young gulf menhaden and other fishes in northwestern Florida estuary, 03672
southeast, ocean outfalls and other methods of treated wastewater disposal in southeast Florida, 01180
vegetation in relation to water depth in conservation area 3, 10952
water resource data, streams, northern and central, 00440
Florida Flood Control District, *see* Central and Southern Florida Flood Control District.
Flotation:
dissolved air flotation thickening of waste activated sludge at municipal sewage treatment plants, cost, 11476
flotation of carbonate minerals from unaltered phosphate ores of Phosphoria formation, 11059
Marquette Range nonmagnetic taconite using innovative procedures, 07997
pyrite from coal, pilot plant study, 01382
superconcentration of commercial magnetic taconite concentrates by cationic flotation, 11055
see also Air flotation.
Flour:
barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
Flour mills:
and other grain mill products, industry wage survey, 11581
flour milling products, summary for 1973, 11327
products, current industrial reports, 00063-4, 01846
Flow:
acoustic tests of 15.2 centimeter-diameter potential flow convergent nozzle, 09488
base flow in Acme-Artesia reach of Pecos River, 1957-71, N. Mex., 04460
big eddies and mixing processes in Great Lakes, 05318
boundary layer trip protuberances in overexpanded rocket nozzles, procedure for calculation, 11119
characteristics and pollution problems of irrigation return flow, 10822
cold-air investigation of turbine for high-temperature-engine application, 11663
comparison of measured and calculated velocity profiles of laminar incompressible free jet at low Reynolds numbers, 10244
computer program for laminar, transitional and turbulent boundary layers for compressible axisymmetric flow, 11662
conically diffused flow with nearly separated boundary layer, 06889
crossflow effects on impingement cooling of turbine vane, 08724
decay of far flow field in aircraft trailing vortices, 08075
digital-computer programs for analysis of ground-water flow, 00431
distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101
dry and wet weather flows, utilization of trickling filters for dual treatment, 06570
effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
effects of flow angle with flutter of elastically supported orthotropic panels, 11125
exploratory investigation of a wake disruption technique for studying wake reestablishment time, 11100
finite element analysis and computer graphics visualization of flow around pitching and plunging airfoils, 01388
flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
flight Reynolds number effects on contoured boattail nozzle at subsonic speeds, 09494
flow and chemical characteristics of Saint Johns River at Jacksonville, Fla., 01253
flow coefficients inside turbine vane, 10226
flow control devices of porous stainless-steel, development, 02859
flow of funds–
unadjusted, 02031
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial or mixed-flow turbo-machine, programmer's manual, 09500
FORTRAN programming for surface wave trains, 05732
forward-slanted slot throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 10221
free-stream temperature, density and pressure measurements in expansion tube flow, 03598
fuselage flow fields at transonic and supersonic speeds, investigation at inlet locations, 01408
gas flow analysis during thermal vacuum test of spacecraft self-contamination, 06892
geometrical and flow parameters, effect on high-effectiveness region of film cooling, 10253
highly underexpanded sonic jet ejecting from flat plate into subsonic crossflow, 05615
hot-flow problems related to gas core reactor, simulator tests to study, 06845

Flow–Con.
hypersonic aerodynamics characteristics of family of power-law, wing-body configurations, 06881
incompressible flow momentum theory of fan-in-wing VTOL configuration, 08731
injection of heated turbulent jet into cross flow, analysis, 05635
inlet flow distortion noise from subsonic fan, combined quadrupole-dipole model, 10258
isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base alloys, 06888
leading-edge serrations on reducing laminar flow unsteadiness about airfoils, 05610
liquefaction, flow, and associated ground failure, 05427
liquid-metal flows in magnetohydrodynamic systems, USSR study, 03509
low flow rate carbon adsorption method, model LF-2, organics sampler for water, specifications, 07817
low-flow characteristics of streams in Pacific slope basins and lower Columbia River basin, Wash., 04471
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
mean hypersonic flow and turbulence measurements in Mach 5 free shear layer, 08054
measured pressure distributions on large-angle cones in hypersonic gas flows, 08059
measurement in base cooling air passages of rotating turbine blade, 11153
methods which predict supersonic flow fields from body geometry, distance, and Mach number, study, 06873
numerical marching techniques for fluid flows with heat transfer, 06847
optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
pilot model expansion tunnel test flow properties obtained from velocity, pressure, and probe measurements, 06862
population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas with large parameter greadients, USSR study, 05521
Prandtl-Meyer supersonic flows and unsteady Mach reflections, machine calculation, 05745
prediction of overall and blade-element performance for axial-flow pump configurations, 00547
principles and measuring techniques of turbulence characteristics in open-channel flows, turbulence in water, 00438
pump acceptance test, flow measurements by salt velocity method, 05774
screen-induced total-pressure distortion effects on axial-flow compressor stability, 10225
sharp- and blunt-nose effect on hypersonic flow field of streamwise corners at Mach 20, 10234
simplified holographic-interferometry technique for real-time flow visualization and analysis, 08725
slurry flow in vertical pipes, 01479
sonic boom problem, research–
flow field measurement in wind tunnel and calculation of second order F-function, 04608
second-order solutions for flow field around slender bodies in supersonic flow for sonic boom analysis, 04607
sound propagation in and radiation from acoustically lined flow ducts, 05609
subsonic inlet lip geometry on predicted surface and flow Mach number distributions, effect, 06882
supersonic stream parameters of real gas calculation from measurable quantities using FORTRAN IV routines, 10256
theory of elasto-plastic flow, review of developments, 04604
thermodynamic analysis of axial-flow lasar-powered thruster, 09497
three dimensional flow characteristics in 3 bladed rocket pump inducer, investigations, 03579
three-dimensional supersonic nozzle flow analysis modification and comparison with experimental data, 08722
transonic flow single-mode flutter and buffet of low aspect ratio wing having subsonic airfoil shape, 08052
turbulent flow in flexible pipes and ramjet engines, USSR study, 04540
viscous flow in glass during phase separation, investigation, 03644
water flow through stratigraphic layers of snow, effects, 01102
see also Vortex flow.
Flow of water, *see* Hydraulics.
Flowers:
growing flowering annuals, 02815
production and sales, 11253
summer and fall wildflowers of Land Between the Lakes, 03804
Flowmeters:
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
Flu, *see* Influenza.
Flue gases:
desulfurization, answers to basic questions, 08285
Flue plumes:
lidar studies of stack plumes in rural and urban environments, 06552
Fluerics:
flueric sounding rocket motor ignition, 11091
Fluid bearings, *see* Bearings (machinery).
Fluid bed processes, *see* Fluidization.
Fluid flow, *see* Flow.
Fluid mechanics, *see* Continuum mechanics-Mechanics (science).
Fluidics:
bolt, fluid passage, Federal item identification guide, 04289
hydrofluidic yaw SAS, stability augmentation system, analysis, 08296
use of fluidic oscillator to measure fuel-air ratios of combustion gases, 11109
Fluidization:
fluidized-bed combustion and regeneration of sulfur-containing additives, reduction of atmospheric pollution by application, 04373
fluidized-bed combustion process, evaluation–
fluidized-bed boiler combined-cycle power plant development, appendices, 07740
pressurized fluidized-bed combustion process development and evaluation, 07745
fluidized-bed combustion, international conference proceedings, 10836

Fluidization–Con.
regenerative pressurized fluidized-bed combustion process, evaluation, 10837
Fluidized bed process, *see* Fluidization.
Fluids:
on growth and collapse of mixed regions in stratified fluids, 08168
vortex shedding current meter for measuring flow of fluids, 11185
Flumes:
laboratory flumes, turblence data summary, 06706
Fluorescence:
trace metal water pollutants determined by X-ray fluorescence, 08173
x-ray fluorescence spectrometer for airborne particulate monitoring, 01169
Fluorescent lamps, *see* Electric lamps.
Fluorides:
emissions from aluminum plants at Columbia Falls, damage to public lands–hearings, 07414
fluoride sampling and analytical methods, evaluation and modification, 07741
phase relations in alkaline earth fluoride-yttria systems, 11633
Fluorine:
fluorine content, atmosphere and burnishing technique, effect on lubricating properties of graphite fluoride, 09509
fluorine content in quarpel-treated fabrics by analysis with 14 MeV nautron activation source, 04835
HF system at 40° C with other solubility curves from 25° to 70° C, 03565
recovery of fluorine from low-grade calcareous fluorspars–preliminary studies, 11061
thermodynamic properties of compressed gaseous and liquid fluorine, 06916
Fluorocarbons:
solid polymer electrolyte fluorocarbon film, properties, 08730
Fluorspar:
mineral industry survey, annual, 00535
mineral industry surveys, quarterly, 02033
minerals yearbook chapter, 10191
Flutter (aircraft):
flutter analysis and testing of pairs of aerodynamically interfering delta wings, 03593
flutter of elastically supported orthotropic panels including effects of flow angle, 11125
recovery of fluorine from low-grade calcareous fluorspars–preliminary studies, 11061
stall flutter of helicopter rotor blade, analysis, 04605
supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
transonic single-mode flutter and buffet of low aspect ration wing having subsonic airfoil shape, 08052
Flux:
characteristics of capacitor-type micrometeoroid flux detectors when impacted with simulated micrometeoroids, 06867
force/condensation scrubbing for fine particulate collection, feasibility, 07751
on relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
powerful relativistic defense tubular electron fluxes, gyromagnetic compression, USSR study, 01340
solar flux, 1-3000 A, for moderate level of solar activity for use in modeling ionosphere and upper atmosphere, 03670
Flux (neutron), *see* Communications.
Flyby missions, *see* Space missions.
Flyers, *see* Aviators.
Flying, see Flight–Instrument flying.
Flying schools, *see* Aeronautics.
FM (radio), *see* Radio frequency modulation.
FMC, *see* Federal Maritime Commission.
FNIC, *see* Food and Nutrition Information Educational Materials Center.
FNS, *see* Food and Nutrition Service.
Foam:
ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
hydrostatic testing of syntactic foam in mineral oil, 07001
low density foams for vacuum insulation, 08301
Foamed plastics, *see* Plastics.
Focusing:
focused ultrasound, physical mechanism of destruction of biological tissues, USSR study, 09401
magnetic refocusing in linear-beam microwave tubes, 11143
Fog:
dispersal experiment using helicopter downwash, 04823
marine fog observations in Arctic, 11206
Project Foggy Cloud 4, warm fog modification by electrostatically charged particles, 08177
Foggy Cloud project, *see* Project Foggy Cloud.
Folders:
office folders, holders, and accessories, Federal item identification guide, 05256
Foliage, *see* Leaves.
Food:
acceptability and stability of intermediate moisture food, effect of high temperature storage, 04842
additional Federal financial assistance to school lunch and breakfast programs–hearings, 06359
allergy, 01465
and nutrition, training extension aides, basic lessons, 03329
assure consumers of plentiful supplies at reasonable prices–report, 02975
central refrigeration system for proposed food distribution center, New Orleans, La., 02806
code of Federal regulations, 11516
commercial import detentions, monthly report, 01788
composition table for use in East Asia, 03662
consumption, prices, expenditures, 05279
controlled environment agriculture, global review of greenhouse food production, 04341
diethystilbestrol (DES) and other drugs used in food producing animals, regulation–report, 06252
domestic and foreign food programs, impacts on U.S. agricultural economy, 01047
domestic emergency food assistance–hearings, 06402

Food-Con.
East Asian foods and nutrition, bibliography, 04663
embargo as response to present Arab oil boycott, data and analysis, 06234
family fare, guide to good nutrition, 00009
fats in food and diet, 05933
FDA information materials for food and cosmetic industries, 08580, 10064
Federal food inspection act-
hearings, 07558
Federal food programs, 1973-
hearings, 04243, 05171
Federal food programs, 1974, 09955
Federal food, drug, and cosmetic act-
amend, hearings, 06339, 07427-8, 07558
amend, report, 06339
legislative history, 10704
flexibly packaged cakes, development, 04846
food and agricultural exhibits throughout the world, 04423
food and agricultural exports directory, 09328exhibits throughout world, 04423
food and nutrition (periodical), 02034
food and other consumer price increases-
hearings, 05008
food buying guide for child care centers, 10930
food distribution centers, solid waste management, 08277
food for young couple, 00720
food is more than just something to eat, 05937
food makes the difference, ideas for economy-minded families, 05949
food moves on fuel, it takes 1 gallon of gas for 450 eggs, 08882
food price changes, 1973-74, and nutritional status, 05172
food price changes, 1973-74, reference materials, 07567
food safety in kitchen, 09663
food supplements, definition for FDA labeling purposes-
hearings, 07427-28
food-cooking, baking-serving equipment, Federal item identification guide, 00263
foods for families in food distribution program, estimated nutritional value, 08581, 09327
gas- and electric-powered central refrigeration systems for food distribution centers, evaluation, 02805
growth and its implications for future on resources, environment and food supply-
hearings, 09104, 10710
handling and space costs for selected food wholesalers in urban food distribution centers, 04782
household consumption survey, 1965-66 report, 11295
how to buy, lesson aids for teachers, 07109
humanity and food resources, USSR study, 06780
immovable feast-
crisis in rural transportation, 06360
transportation, energy crisis, and rising food prices for consumer, 05108
improving food marketing systems in developing countries, 07653
national food situation, 02340
national nutrition policy study-
report and recommendations, 10782-8
national nutrition policy, working paper-
experiences, 09956
food security and availability, 09237
nutrition and consumer, 09957-8
nutrition and food availability, 09234
nutrition and health, 09959
nutrition and international situation, 09235, 09960
nutrition and special groups, 09236
nutrition information and programs, selected papers, 09961
nutrition, health, and development services, 11437
technology, agriculture advances and production, selected papers, 09962
new look in food labels, 01232
nutrition and human needs, national survey-
hearings, index, 06403
nutrition labels on food, we want you to know, 04422
phas 4, final food regulations, 00250
plentiful food, PF series, 02437
price investigations-
hearings, 04129
program-
technical amendments, 08504
race between food and population (address), 11297
radiation dosimetry at cryogenic temperatures using thermoluminescence, 04836
radiation-sterilization of food, statistical analysis, 04854
realistic look at food reserves (address), 05952
retail prices by cities, 01923
safety procedures-
report, 06339
special summer food service program for children-
site handbook, 07127-28
special supplemental food program, preliminary report, GAO report, 01248
supplementary food programs-
hearings, 04243
trends in world food supply and demand balance (address), 07656
U.S. agricultural developments and policies and world food situation (remarks), 05958
U.S. and world food security, selected papers, 08469
U.S. and world food situation-
hearings, 06361
U.S. food fat consumption trends, 11454
USDA data inventory, 07340
we have been wrong again (address), 05959
weekly Government abstracts, 02760
world food grain situation, hearings, 09214
world food security, global priority-
hearings, 07406
your money's worth in food, 07117
see also Canned foods-Diet-Dried foods-Food poisoning-Frozen foods-Nutrition-Rations-School lunches.
Food and Drug Administration:
appropriations, 1974-
report, 06224
chemist, job description, 10928
clinical experience abstracts, 01939
facts from FDA, 01232
FDA consumer, 01940
FDA drug bulletin, 01941
FDA information materials for food and cosmetic industries, 08580, 10064
grants and awards, 1973 funds, 09541
introduction to total drug quality, 07821
microbiologist, job description, 10929
poster series, 01234
poster, 00388
we want you to know about FDA, 05388

Food and Nutrition Information Educational Materials Center:
general information, 08084
Food and Nutrition Service:
appropriations, 1974–
report, 06224
FNS series, 00389-90, 01235, 10930
progress and problems in achieving objectives of school lunch program–
GAO report, 00426
special supplemental food program, preliminary report, GAO report, 01248
Food for animals:
foods of Rocky Mountain mule deer, 04446
Food for livestock:
commercial feed firm, procurement planning, 03857
cooperative feed manufacturing specialization, 06602
feed situation, 02013
feed-livestock economy of eastern Europe, prospects to 1980, 03309
feeding problem because of fluctuating cattle market–
hearings, 08467
livestock feed balances for USSR, 01084
nonfat dry milk and animal feeds containing milk or milk derivatives, Tariff Commission report, 08252
Food for poultry:
cooperative feed manufacturing specialization, 06602
Food handling:
clean food production requires clean hands, did you really wash your hands? (poster)–
Spanish edition, 01234
grain breakage caused by commercial handling methods, 04781
handling and space costs for selected food wholesalers in urban food distribution centers, 04782
stop bacteria cold produce clean safe food (poster), 00388
Food poisoning:
foodborne outbreaks, 04941
Food processing:
Federal water pollution control laws affecting food processing, historical guide, 07650
Food sanitation, *see* Food handling.
Food service facilities, *see* Restaurants, lunch rooms, etc..
Food stamps:
act, amend–
report, 09902
food stamp fact series, Spanish edition, 00390
food stamp facts, allotments and purchase requirements, 01235
household income deductions, Spanish edition, 00390
procedural instructions for Federal reserve banks relating to deposits of food coupon receipts, effective Jan.1,1974, 07087
program, investigation and extension–
hearings, 05045
program, technical amendments, 08504
you can help fight hunger in America, food stamp handbook for volunteers, 00389
Food, drug, and cosmetic act, *see* Cosmetics–Drugs–Food.
Foot-and-mouth disease:
biological-ecological aspects of problem, USSR study, 08670
control and eradication, agreement with Colombia, 11778
prevention, agreement with, Salvador, 01581
Footings:
circular on viscoelastic foundations, 01107
Footwear, *see* Boots and shoes.
Forage plants:
flowering and fruiting of southern browse species, 05408
increasing crude protein content of forage, 04792
upland plant communities, woody browse production and small mammals of wildfire areas of northeastern Minnesota, 08583
Forann Corp.:
footwear for women, Tariff Commission report, 05867
Force and energy:
constrained test method for obtaining free body responses, evaluation, 01393
control force limits for female pilots, study, 10532
energy alternatives, 01311
energy complex-target for today's technology (address), 01417
energy conservation strategies to combat crisis, 01187
energy crisis (remarks), 01314
energy research and development–
appropriations, 1974, supplemental proposal, 04041
energy, weekly Government abstracts, 02769
individual action for energy conservation, 00944
National energy emergency act–
report, 03221
stacking faults on ultrasonic reflectivity, preliminary equation system describing effect, 05734
technical options for energy conservation in buildings, 00562
vibrationally excited hydrogen halides, bibliography on chemical kinetics of chemiexcitation and energy transfer processes, 10267
Ford, Gerald R.:
nomination–
hearings, 04260, 05075
report, 03209, 04159
Vice President of United States–
confirm nomination, report, 05037
Ford, Gerald R, Federal Office Building, *see* Gerald R. Ford Federal Office Building.
Ford, Mildred C.:
relief, 11408
Ford, W. Antoinette:
nomination–
hearings, 04195
Forecasts:
agrometeorological forecasting, USSR research, 03493
aviation forecasts, 1972-83 fiscal years, 11495
BEA, Economic Analysis Bureau, quarterly model as forecasting instruments for economic conditions, 01081
dynamic quality forecasting and management, 01151
models and methods for long-range economic and manpower forecasting, 03984
National Weather Service River Forecast System, snow accumulation and ablation model, 10319
pressure variations forecasting at sea level during geomagnetic disturbances, USSR study, 04550
technological forecasting of long-term requirement for rigid airfield pavement systems, 01109

Forecasts—Con.
see also Weather forecasts.
Foreign affairs, *see* International relations.
Foreign Affairs Committee, House:
calendar, 02212
committee print, 00130-3, 00927, 00930, 04100-2, 06301, 07399, 07404-5, 09066-7, 09069-71, 09073-4, 09077, 09829-31, 09834, 10697, 10699
hearings, 00928-9, 03107, 03109, 04098-9, 05057-62, 06293-300, 07398, 07400-3, 07406, 08390-2, 09068, 09072, 09075-6, 09078, 09828, 09832, 09835-6, 10695-6, 10698, 10700, 11401
investigations and studies—
authorization and expenses, report, 10645
report, 00118, 02997, 03004, 06233, 09770, 09780, 10621, 10657, 11383-4
Subcommittee on International Organizations and Movements—
hearings, 09833
survey of activities, 09834
Foreign Affairs Research Documentation Center:
accessions list, monthly, 02036
Foreign agents:
registration act, administration report, 04560
Foreign Agricultural Service:
miscellaneous, FAS-M series, 01236, 03385-6, 04423, 06639, 09328
Foreign agricultural trade, *see* Agricultural products.
Foreign agriculture, *see* Agriculture.
Foreign aid:
Africa, U.S. development aid, 11773
application of modern technologies to international development, list of reports available for foreign use, 01650
development digest (periodical), 01877
economic assistance for relief and rehabilitation, agreements, amending agreement with Bangladesh, 00668, 00696
economic assistance to China and Korea, 1949-50—
hearings, 07498
economic assistance, appropriations, 1974—
hearings, 03102
emergency disaster assistance, Nicaragua, Pakistan, Sahelian Africa—
hearings, 06365
export development credit fund—
hearings, 00210
Foreign assistance act, amend—
committee print, 00927
hearings, 06293
law, 06158
Overseas Private Investment Corporation, obligations under act, opinion of Attoney General, 06793
report, 00118, 03151
foreign assistance appropriations, 1974 and 1975, authorizations—
staff memorandum, 10699
foreign assistance appropriations, 1974—
hearings, 03102, 04084, 05051
law, 06194
report, 05035, 09141, 09756, 09758
Foreign economic assistance act, amend—
hearings, 00218
Israel and Cambodia, emergency assistance, provide—
law, 06166
report, 05038, 09149
multilateral assistance for agricultural development, 04338
mutual development and cooperation act—
report, 00118
U.S. assistance to Dominican Republic—
hearings, 07402
U.S. assistance to Khmer Republic (Cambodia), AID, State Department, and Defense Department administration, GAO report, 01249
U.S. programs, availability and use of local currencies, 09067
United States programs in Ghana, GAO report, 07844
Foreign Area Research Coordination Group:
FAR horizons (periodical), 01934
Foreign assistance, *see* Foreign aid.
Foreign Broadcast Information Service (FBIS):
monitoring premises and installations, agreement with Paraguay, 03776
Foreign Claims Settlement Commission:
annual report, 01237
appropriations, 1974—
hearings, 00198
report, 02967
supplemental, hearings, 06367
supplemental, proposal, 07458
appropriations, 1975—
hearings, 10679
Foreign commerce, *see* Commerce.
Foreign countries:
American agricultural system, domestic and foreign elements affecting U.S. agricultural policy—
report, 04185
background notes, 00658-63, 015464-6, 03760-6, 04741-6, 05815-6, 07043, 08227-32, 08851, 09617, 11245-9, 11774-5
country demographic profiles, 02870, 06080, 08316
country market survey, CMS (series), 01826
delinquent international debts owed to United States, mid-1973 progress review—
hearings, 04103
delinquent international debts owed to United States, selected countries—
hearings, 00931
Department of State indexes of living costs abroad and living quarters allowances, 02692
domestic and foreign government programs and policies affecting U.S. agricultural trade, Tariff Commission report, 03788
education of dependents of U.S. employees overseas by Defense Dept. and independent American schools, 09062
equipment and technology used in gold extraction in foreign countries, USSR study, 08671
financial practices of governments in metropolitan areas, study, 00458
foreign building and housing publications accessions list, 04494
foreign economic trends and their implications for United States, ET series, 00474-91, 01317-19, 03467-82, 03822, 04530-7, 05487-92, 06746-58, 07899-902, 08639, 09374-82, 10139-47, 10981
foreign experience with monetary policies to promote economic and social priority programs, 09058
foreign income and taxes, corporation income tax returns, 04519
foreign indebtedness to United States—
briefing material, 01027
hearings, 05130
foreign market reports, index, 02151

564-800 O - 75 - 15

Foreign countries–Con.
foreign meat inspection, 1973 report, 05938
foreign programs for elderly, 08629, 09369
future construction abroad, quarterly summary, 02523
immunities of foreign States from jurisdiction of United States courts in levying judgements on their assets, etc.–
hearing, 00149
newspapers, microform list, 07955
nutrition and international situation, national policy working paper, 09235, 09960
passenger travel to and from U.S., reports, 02146, 09372
plant quarantine import requirements, summaries, check list, 00732
prohibit U.S. corporations intervening in and influencing political affairs–
report, 00988
restrict travel of U.S. citizens to countries in armed conflict with United States–
hearing, 01035
selected interest & exchanges rates for major countries & U.S., weekly series of charts, 02582
telecommunications research, 11198
transportation innovations in new communities abroad, 06724
urban institutions abroad, list, 10967
use of illustrations of obligations and securities of United States and foreign governments, 01544
visa requirements of foreign governments, 05857
youth travel abroad, what to know before you go, 09618
see also Cities and towns-Government.
Foreign currency, *see* Money.
Foreign economic trends and their implications for United States, 05488, 06753
Foreign exchange:
effect of rate changes on U.S. trade and tariff concessions, 01026
how well are fluctuating exchange rates working–
hearings, 05007
rates, monthly, 02042
rates, weekly, 02043
Treasury and Federal reserve foreign exchange operations, 01225, 06632, 10920
Foreign investments, *see* Investments.
Foreign policy, *see* International relations.
Foreign relations, *see* International relations.
Foreign Relations Committee, House:
committee print, 03108
Foreign Relations Committee, Senate:
calendar, 02232
committee print, 00217, 00221, 01029, 03247, 07399, 07497, 08484, 09208, 09210, 09928-9
hearings, 00218-9, 00222-3, 01030, 04201-3, 05134, 06383-6, 07498-9, 07502-3, 08485-6, 09202, 09207, 09209, 09212-14, 10769
historical series, 07498
investigations and studies, U.S. foreign policy, authorization and expenses–
report, 09154
legislative history–
88th-90th Congress, 09928
report, 00987-8, 03155, 03169, 03215, 03216, 03219, 09161, 09883, 09887, 09898-9, 11422, 11428
Forest service:
abolish certain regional offices and consolidate and change regional boundaries, 01008
building program, supplemental authorization–
hearings, 08392
building program, 1974, additional appropriations, authorize–
law, 09004
building program, 1974 and 1975, additional appropriations, authorize–
report, 09161
consulate building in Venice, authorize sale to Wake Forest University–
law, 09005
department and foreign service series, 00664
list, 02046
officers, key of foreign posts, guide for businessmen, 02201
research papers, 01240
resource bulletins, 01242
retirement and disability system–
hearings, 07499
U.S. Embassy Vientiane, Laos, use of excess property, repairs and improvement to leased property, and contracting for alien personnel–
hearings, 10701
US Army foreign area officer, statesman specialty, 11303
Foreign Service Institute:
language instructors, provide civil service retirement credit–
report, 06347
Foreign trade, *see* Agricultural products–Commerce.
Foreign Trade Zones Board:
annual report, 07822
Foreigners, *see* Aliens.
research paper, 00419, 05404, 10071
resource bulletin, 00420-1, 01242, 05409, 06671-5, 07834-5
Forest conservation, *see* Forest and forestry.
Forest cruising, *see* Volume and yield tables.
Forest fires:
annual fire report, 04570
cooperative control program financing, Federal, State and private funds, 00393
estimating fire-caused mortality and injury in oak-hickory forests, 06662
fire management (quarterly periodical), 02023
fire protection of State and privately owned land within National forest areas, 09333
Forest Service fire protection contracts–
hearings, 11390
Missouri, 01241
national forests fire report, 1972, 04433
National Smokey Bear Workshop, Jan.9-11, 1973, Tallahassee, Fla., 03402
safe debris burning, 06676
stream chemistry following forest fire and urea fertilization in north-central Washington, 05402
upland plant communities, woody browse production and small mammals of wildfire areas of northeastern Minnesota, 08583
wildfire statistics, annual–
errata sheet, 03403
Forest lands, *see* Forests and forestry.
Forest management:
computer-produced timber forest management plans, program TEVAP, 08591, 10070
forest and rangeland environmental management act–
hearings, 06266
land base for management of young-growth forests in Douglas-fir region, 05399
management of hardwood timber stands, deriving fair incentives, 00415

Forest nurseries:
applicator for granular systemic insecticides in cottonwood nurseries and plantations, 05396
Forest planting:
more intensive reforestation and timber stand improvement programs could help meet timber demand, GAO report, 07841
seed and planting stock dealers of more common forest and shelterbelt seeds and plants, directory, 05410
seed-eating mammals and birds that affect forest regeneration, bibliography, 08225
shortleaf pines in Mississippi seed source planting, variation, 05393
spruce-fir regeneration, some observations on age relationships, 00399
Forest products:
demand and price situation for forest products, 04787
export control policy–
hearings, 00195
Forest research, *see* Forests and forestry.
Forest resources, *see* Forests and forestry.
Forest Service:
abolish certain regional offices and consolidate and change regional boundaries, proposal–
hearings, 01008
appropriations, 1975–
hearings, 09804
fire protection contracts–
hearings, 11390
general technical report, 03395-7, 04431-2, 06643, 07825-6, 08583-6
more intensive reforestation and timber stand improvement programs could help meet timber demand, GAO report, 07841
prohibit reduction in number of employees–
hearings, 05041
public involvement, 07827
reseach paper, 03401, 05404, 06661, 07828-33
research note, 00397-411, 04436-9, 05392-6, 06645-60, 08589-91, 10069-70
research paper, 00412-19, 01241, 03401, 04440-7, 05397-408, 06661-70, 07828-33, 08592-601, 10071-3
resource bulletin, 00420-1, 01242, 04448, 05409, 06671-5, 07834-5
telecommunications study–
large fire communications system, 04452-3
main study recommendations and findings, 04449
planning, organization, financing and management, 04451
requirements evaluation, requirement and maintenance policies, 04450
Tropical Forestry Institute, list of available publications, 10932
Forest thinning:
effects of thinning on young shortleaf pine plantations in Indiana, 06661
fifteen-year results from selective cutting methods in second-growth northern hardwoods, 08594
precommercial thinning increases diameter and height growth of slash pine, 00403
stocking guide for Eastern white pine, 00398
Forestry, *see* Forests and forestry.
Forestry, Fisheries, and Wildlife Development Division, TVA:
annual report, 01586, 05877
technical note, 08255, 11796
Forests and forestry:
Alabama forests, trends and prospects, 06672
Arkansas forest industries, 00420
career profiles in forestry, 04428
conservation, materials to help teach, list, 10066
damage to public lands from forest practices–
hearings, 07414
economic analysis of gypsy moth problem in Northeast applied to commercial forest stands, 06670
establishing even-age northern hardwood regeneration by shelterwood method, preliminary guide, 08593
estimating fire-caused mortality and injury in oak-hickory forests, 06662
estimating slash fuel loading for several lake states tree species, 00412
forest and rangeland environmental management act–
hearings, 06266
forest area statistics for midsouth counties, 00421
forest inventory statistics–
Limestone-Madison County unit, north Alabama, 11795
Loudon-Roane County unit, east Tennessee, 07081
Morgan County unit, east Tennessee, 03801
forest land and timber long-term contracts in South, 05405
forest pest conditions in Pacific Northwest, 00394
forest pest leaflet, 06641-2, 07823
forest residues reduction program, 04430
forest resource reports, 03394
forestry bulletins, 03801, 07081, 11795
forestry incentives act–
hearings, 00916
forestry research progress, McIntire-Stennis cooperative–
forestry research program, annual report, 06408
forestry schools in U.S., list, 09330
forests forever, 01239
forests soils bibliography for North-Central region, 04431
hardwood forest openings–
light, soil moisture, and tree reproduction, 04440
hardwood trees bordering forest openings, epicormic branching, 00413
industries–
Northwest, production, prices, employment, and trade, 02501
insect and disease conditions in U.S., 05391
labor trends, 1960-70, Tennessee Valley's forest industries, 08255
land base for management of young-growth forests in Douglas-fir region, 05399
Mississippi forest industries, 06673
Oklahoma forest industries, 06675
operations research, bibliography, 07826
pest control–
report, 11425
preview of New Jersey's forest resource, 06651
provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417
recreation research, bibliography, 08582, 09329
research news for the midsouth, 02048
research note, 00397-9, 04436-9, 05392-6, 06645-60, 08589-91, 10069-70
research paper, 00412-19, 01241, 03401, 04440-7, 05397-408, 06661-70, 07828-33, 08592-601, 10072-3

Forests and forestry–Con.
resource bulletin, 00420-21, 01242-43, 04448
restore quality and productivity of nation's forest lands–
hearings, 01008
silvicultural activities, control pollution resulting from, 04382
silvicultural guide for spruce-fir in Northeast, 06643
Tropical Forestry Institute, list of available publications, 10932
vegetation data collection in temperate forest research natural areas, 04443
Wood supply and national forest lands investment act–
hearings, 01008
see also Forest planting–Forest products–National forests–Site indexes–Timber–Trees.
Forges:
rotary forge machine, installation at Watervliet Arsenal or industrial site–
hearings, 06279
Forms, blanks, etc.:
improving coordination of Federal reporting services by inquiring new forms, etc. be included in new legislation–
hearings, 08488
Fort Bowie National Historic Site:
general information, 04685
Fort Bragg, N.C.:
Consolidated Field Maintenance Facility, technical evaluation study for pollution control, 06492
Fort Calhoun Station:
aerial radiological measuring system, 06032
Fort Collins, Colo.:
Fort Collins Wastewater Treatment Facility, technical assistance project, 10875
Fort Donelson National Military Park:
general information, 04686
Fort Lauderdale, Fla.:
area wage survey, 07941
Port Everglades Harbor, engineers report–
departmental edition, 01140
document edition, 00851
Fort Morgan, Colo.:
Union Pacific Railroad Co., railroad accident, investigation summary report, 01542
Fort Point National Historic Site:
historic structure report, 01490
FORTRAN, *see* Computer program/programming–Computer programs/programming.
Forums (discussion and debate):
student discussion guide, Office of Equal Employment Opportunity, 11578
Forwarders, *see* Freight forwarders.
Fossil fuels:
combustion, aerodynamic control of nitrogen oxides and other pollutants, 07743-4
fossil-fueled and nuclear generating plants, economics of use of surface condensers with dry-type cooling systems, 07237
potential pollutants in fossil fuels, 01170
teacher's guide for environmental impact of electrical generation, nuclear and fossil, minicourse for secondary schools and adult education, 04896
Fouling organisms:
EPA compendium of registered pesticides, antifouling compounds, etc., 00606, 01920, 10371
Foundations (charitable and educational):
role of foundations today as affected by tax reform act of 1969, 09205
support for mental health and related services, handbook, 09537
Foundations (construction):
circular, on viscoelastic foundations, 01107
subsurface investigations and construction and foundation materials test data for Crystal Dam and powerplant, records, 00621
Founding:
investment cast turbine wheel, economic analysis for automotive gas use , 08542
Foundries:
copper-base products, current industrial reports, 01847, 11317
iron and steel, current industrial reports, 07266
Four Corners Regional Commission:
press releases, 02467
Four H club:
four H gets it all together, 01193
four-H members of USA, report to President, 03330
leaders and extension staff, international cues, 04790
Fourier transforms, *see* Transformations (mathematics).
FPC, *see* Federal Power Commission.
Fractionation:
fractionation and characterization of natural organic matter from certain rivers and soils by free-flow electrophoresis, 01282
Fracture, *see* Fracture of metals.
Fracture of metals:
application of boundary integral method to elastic analysis of V-notched beams, 04626
ductile fracture equation for high-strength structural metals, 04696
elevated-temperature tensile properties and embrittlement susceptibility of alloys based on intermetallic compound TiNi, 08069
fast fracture resistance and crack arrest in structural steels, 08828
fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, study, 03597
fatigue cracks, detection by nondestructive testing methods, 08036
flight monitor for jet engine disk cracks and use of critical length criterion of fracture mechanics, 06887
fracture extension resistance of aluminum alloys in thin sections, 07004
fracture mechanics options in modernization of nuclear standards, generalized procedures for use, 08170
fracture resistance values using center-cracked tensile specimen, determination, 11703
fracture surfaces of irradiated pressure vessel steels, Auger electron spectroscopy analysis, 10360
J integral application to crack initiation in 2024-T 351 aluminum alloy, 10362
see also Cracking (fracturing).
Fractures:
fracture initiation and orientation in oil reservoir sandstone, analysis of factors influencing, 07989
radioactive tracer pulse method of evaluating fracturing of underground oil shale formations, 05598
surface fracturing of Carpetbag event, Yucca Flat, Nevada test site, Nevada, 04483

Frame, *see* Electron probe microanalysis.
Frames:
comparison of alternative winter wheat objective yield unit sizes, 07063
high frame rate underwater camera system, 06050
Framingham, Mass.:
Framingham study, epidemiological investigation of cardiovascular disease, 01466, 08136
France:
air charter services, agreement, 01569
Ambassador, nomination of John N. Irwin II–hearings, 09209
cold-rolled stainless steel sheet and strip–Tariff Commission report, 03787
economic trends and their implications for United States, 05491
economy, basic data, 01079
fabrication in France of plutonium and enriched uranium fast reactor cores, 07204
mineral industry, minerals yearbook chapter, 09459
plant quarantine import requirements, 05989
Franchises (business):
franchise opportunities handbook, 06457
franchising in the economy, 1972-74, 05275
role of small business in franchising–hearings, 03084, 04148
Frank M. Scarlett Federal Building:
designate–report, 06243
Franking privilege:
congressional use, amend indicia requirements–law, 10569
former Vice President Spiro T. Agnew, extend–law, 06149
franked mail indicia requirements, eliminate–report, 10616
Members of Congress, compilation of legislative history, 09109
telegraph and telephone, FCC rules and regulations, 01964
use of congressional frank, clarify–hearings, 04247
law, 06159
report, 03191
Franklin, Benjamin:
papers in Library of Congress, register and index, 00531
Franklin, Robert F.:
relief, 00859
Fraud:
disposition of public assistance cases involving questions of fraud, 1972 fiscal year, 01431
hashish smuggling and passport fraud, activities of Brotherhood of Eternal Love–hearings, 07540
securities, thefts and frauds, organized crime–hearings, 07510-1
Fred Baum Workshops Inc., New York, N.Y., Women's footwear:
Tariff Commission–report, 09369
Free speech, *see* Liberty of speech.
Freedom of information, *see* Public information.
Freedom of information act, *see* Public information.
Freedom of speech, *see* Liberty of speech.
Freeport, Tex.:
harbor (45-foot project), engineers report–departmental edition, 09988
document edition, 09753
Freeways, *see* Roads and highways.
Freeze-dried foods, *see* Dried foods.
Freeze-drying, *see* Lyophilization.
Freezing:
freezing technique for sampling steambed gravel, 05404
moisture and freeze-thaw effects on rigid thermal insulations, 10813
waste water renovation, freezing and gas hydrate formation, 11725
Freight:
commodity statistics, annual report, 06760
cost of transporting by class 1 and 2 motor common carriers–
Central region, 03484
New England region, 03485, 00492, 03485
current crisis in rural transportation of agricultural produce, etc., 09184
quarterly freight loss and damage claims reported by common and contract motor carriers of property, 02518
rail service costs, formula for use in determining, 05497
waterproof marine ventilation system for dry freight shipping van containers, 05946
Freight cars:
ratios of empty to loaded freight car-miles, 05499
shortages, alleviate–analysis of legislation, 10706
Freight forwarders:
revenue, expenses and statistics, 05500, 09384
transport statistics, 03488
Freight rates:
effects of cost-of-service transportation rates on U.S. grain marketing system analysis, 00021
ocean, guidelines for shippers, 07331
problems of American carriers to Puerto Rico (remarks), 04575
Fremont County, Wyo.:
detection and delineation of faults by surface resistivity measurements, 07995
geology of South Pass area, 00437
mineral resources of area near Popo Agie Primitive Area, 00430
Frequencies:
frequency stability specification and measurement, high frequency and microwave signals, 01419
pseudo-Nyquist analysis technique for hybrid sampled-data control systems, development, 06846
radiation and scattering by thin-wire structures in complex frequency domain, 11088
time and frequency reference information in telecommunication systems, Federal standard, 10923
see also Radio frequencies.
Frequency band:
CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, recommended design modifications, 08292
dependence of high latitude spread-F occurrence on solar and magnetic activity, 06125
device for separation of bio-electrical signals during effect of high-frequency electric currents on organism, USSR study, 03492
effective use of 1 to 40-GHz band, information needed, 08964
ELF electrical fields and potentials, biological hazards from potentials, 05731

Frequency band–Con.
gear-mesh-induced high-frequency vibration spectra in geared power trains, prediction, 08295
HF high-power vertically directed array for ionospheric modification, 06124
molecular attenuation and phase dispersion between 40 and 140-GHz for path models from different altitudes, 00806
predicting high-frequency stability characteristics of gaseous-propellant combustors, technique, 06877
radio signals scattered by rain, experimental study of temporal statistics, 00810
superconducting ELF magnetic field sensors for submarine communications, 11705
VHF-FM continuous weather broadcasts, worldwide marine weather broadcasts, 08162
Frequency modulation, *see* Radio frequency modulation.
Frequency standards:
and clocks, tutorial introduction, 11167
standards of time and frequency in U.S.A., 10269
Fresh fruit, *see* Fruit.
Fresh water biology:
classification of freshwater wetlands in glaciated Northeast, 10436
freshwater communities, biological models, 01150
Fresno County, Calif.:
ground-water pumpage, 07850
Fresno River:
flood plain information, Madera, Calif., 01116
floods, Madera, Calif., 01136
Fretting corrosion:
fretting of nickel-chromium-aluminum alloys at temperatures to 816° C, 09508
Friction:
ball motion and sliding friction in arched outer-race ball bearing, 08060
cornering characteristics of 40 x 14-16 type VII aircraft tire and comparison with characteristics of C40 x 14-21 cantilever aircraft tire, 05619
dynamic-scanning-electron-microscope study of friction and wear, 11154
effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
friction behavior of glass and metals in contact with glass in various environments, 08068
in-flight and laboratory vacuum-friction test results, 06880
see also Fretting corrosion
Friedheim, Jerry W.:
nomination–
hearings, 06368
Frost:
control of carbon dioxide cryodeposits, 03603
moisture and freeze-thaw effects on rigid thermal insulations, 10813
snow and frost depths on north and south slopes, 06647
Frost, Robert:
ten-cent commemorative stamp (poster), 08875
Frostbite:
medical aspects of frostbite due to cold water immersion, 07964
Frozen foods:
frozen cooked food survey, Army potential requirements, 05265
see also Fish and fisheries–Cold storage.
Frozen ground:
core drilling in perennially frozen gravels and rock, investigation, 05306
measuring thermal properties of cylindrical specimens by use of sinusoidal temperature waves, 05298
Fruit:
canned, foreign agriculture circulars, 02039
census of agriculture, special reports, 10533
deciduous, foreign agriculture circulars, 02039
disinfestation by gamma irradiation, dosimetry, tolerance, and shelf life extension, 02861
dried, foreign agriculture circulars, 02039
fresh fruit and vegetable unloads FVUS series, 09656-60
fresh–
market news, weekly summary, 02050
shipping containers, standardization, 07120
fresh, unloads–
eastern cities by commodities, States and months, 09656
midwestern cities, by commodities, States and months, 09657
southern cities by commodities, States and months, 09658
western cities, by commodities, States and months, 09659
41 cities, 09660
fruit situation, 02053
optimum requirement for dehydration and rehydration of certain freeze-dried fruits, 04850
processed and related products, regulations governing inspection and certification, 02799
storing in basement, cellars, outbuildings, and pits, 00011
see also Fruit juices.
Fruit juices:
noncarbonated fruit juices and fruit-flavored beverages, survey, 04848
Fruits, *see* Fruit.
Fruit trees:
dwarf fruit trees, selection and care, 08881
Fry, James E., Jr.:
relief, 02931, 04165
Fry, Margaret E.:
relief, 02931, 04165
FSLIC, *see* Federal Savings and Loans Insurance Corporation.
FTC, *see* Federal Trade Commission.
Fuel:
additives, development of analytic techniques to measure human exposure, 10827
aerodynamic drag and fuel spreading measurements in simulated scramjet combustion module, 11668
agriculture and fuel crisis–
hearings, 05043
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
allocation, oil and gas programs, appropriations 1975–
report, 06270, 08371
autoignition of temperatures of hydrocarbon fuels, determination, 11204
automotive fuel economy, report, 01183
automotive research and development and fuel economy–
hearings, 06379
availability and allocation in United States–
hearings, 08436

Fuel–Con.
clean boiler fuels from coal–
preliminary design and capital cost estimate for demonstration plant, 06119
comparative transportation costs of supplying low-sulfur fuels to midwestern and eastern domestic energy markets, 06831
concentration by competing raw fuel industries in energy market and its impact on small business, investigation–
report, 09764-5
conflicting information on fuel shortages–
hearings, 06387
conservation of energy by industries (remarks), 06127
conserve scarce fuels–
executive markup session, 06394
hearings, 04215
drag and distribution, measurements of single-element fuel injectors for scramjet supersonic combustors, 10224
electrical heating tests of uranium dioxide external fuel configuration at emitter temperature of 1900 K, 08721
energy crisis, independent trucker problems–
hearings, 08413
Energy research and development policy act–
hearings, 00226
engine fuel and cooling system components, Federal item identification guide, 05228, 07615
EPA pollution regulations and fuel shortage, impact on mass transit–
hearings, 00123
fast fuel elements, codes and means of evaluating performance, 07207
Federal resources (funding and personnel) in energy related activities, 09218
film cooling in combustor operating at fuel-rich exit conditions, 06894
fuel and needs of agriculture (remarks), 10898
fuel extraction for coal seams interstated by oil and gas wells, 06832
fuel for America's dairies, it takes more than cows to put milk in the store, 10497
hydrogen and other synthetic fuels, 00044
impact of fuel shortage on agriculture–
hearings, 01009
legislative authority of Federal agencies with respect to fuels and energy–
analysis, 04213
mandatory fuel allocation programs, impact on small business–
hearings, 07576
measuring fuel-air ratios of combustion gases, use of fluidic oscillator, 11109
methanol, elimination of duty when imported for producing synthetic natural gas or direct use as fuel report, 09038
methanol for use as fuel, duty free entry–
hearings, 08443
National fuels and energy conservation act, provide–
report, 05097
national fuels and energy conservation policy, provide–
hearings, 00225
national policy of conserving fuels and energy resources–
report, 03166
new motor vehicle emission standards and fuel economy–
hearings, 08412
optical measurement of hydroxyl radical profiles in hydrogen-fueled supersonic combustor, 08746
Presidential emergency energy authorities–
proposals, 06305
reprocessing graphite-carbide fuel for high temperature reactors, investigations, 02843
research, development, and demonstration of fuels and energy technologies, establish national program–
hearings, 08399
retail prices and indexes, 02549
selected fuel additives in controlling pollution emissions from residual-oil-fired boilers, effectiveness, 04361
sludge incineration and fuel conservation, 09290
shortages, factors contributing to current shortages of natural gas, crude oil residual, etc.–
hearings, 07519
solid waste as supplementary fuel, energy recovery from waste, 06590
staff report on monthly report of cost and quality of fuels for steam-electric plant, 02609
strut fuel injectors for supersonic combustion, exploratory tests, 08076
thermodynamic and transport properties of air and its products of combustion with ASTM-A-1 fuel and natural gas, 05633
uranium fuel cycle, environmental survey, 10526
see also Motor fuel–Petroleum as fuel–Reactor fuels–Rods.
Fuel cells, *see* Electric batteries.
Fuel gas, *see* Gas.
Fuel oil, *see* Petroleum–Petroleum as fuel.
Fuel pumps, *see* Pumps.
Fuel systems:
metallic diaphragms for positive fuel expulsion in Atmosphere Explorer hydrazine propulsion subsystem, 08062
Fuel tanks, *see* Tanks.
Fuels, *see* Fuel–Petroleum as fuel–Reactor fuels.
Fulgoridae, *see* Planthoppers.
Fulton, James G., Flood Protection Project, *see* James G. Fulton Flood Protection Project.
Fumes:
toxic fumes from explosives, ammoniun nitrate-fuel oil mixtures, 11062
Functions (mathematical), *see* Mathematics.
Functions (mathematics):
distribution functions of air-scattered gamma rays above isotropic plane scources, 07222
Fundamental constants:
aircraft design, use of method of variation of similarity constants, USSR study, 07916
Funds:
analysis of Federal research and development funding by function, 08787
Budget and impoundment control act–
hearings, 06307
report, 04068, 04072, 09175, 10732
community planning and development program funds, administrative control, HUD, 07881
Department of Defense stock funds, accomplishments, problems, and ways to improve, GAO review, 10076
dynamics and forecasts of R&D funding, 11189
export development credit fund–
hearings, 00210

Funds–Con.
Federal funds for research, development, and other scientific activities, 11190
Federal R&D funding shows little change though priorities shift, 03684
flow of funds–
accounts, 1945-72, annual flows and year-end assets and liabilities, 01221
seasonally adjusted, 02030
unadjusted, 02031
impounded funds, President must notify Congress and provide procedures for showing disapproval and rectifying such impoundments, report, 00189
impoundment of funds, Presidential impeachment investigation, statement of information–
hearings, 09845
improvement of postsecondary education, 06480
Indian judgment funds distribution act–
hearings, 04221
international compensation fund for oil pollution damage, implementation–
hearings, 04202
joint funding simplification of Federal assistance programs–
hearings, 04206
joint funding simplification of Federal assistant programs–
report, 03225
legality of executive impoundment of appropriated funds, Comptroller General's opinion, 07538
MILSBILLS, requisition fund codes, 05262
multiple source funding, community mental health facilities, selected papers, 06959
national patterns of R&D resources, funds and manpower in United States, 11194
presidential campaign receipts, 1972 alphabetical listing, 04454
sources of funds, federally funded community mental health centers, 01458
see also Accounts and accounting.
Fungi:
polluted waters, sewage and sewage treatment systems, laboratory guide, 11723
Fungicides:
EPA compendium of registered pesticides, fungicides and nematicides, 00605, 01919, 10370, 11716
see also Pesticides.
Furnaces:
furnaces and space heaters, Federal item identification guide, 04275
industrial furnaces, Federal item identification guide, 03279
NOx from coal-fired furnaces, effects, design, and operating variables, 07747
raw data and experimental equipment, aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07744
see also Blast furnaces.
Furnishings (apparel), *see* Clothing.
Furnishings (household), *see* Household goods.
Furniture:
cleaning metal furniture, 03870
cleaning wood furniture, 03866
controlling weed-destroying beetles in buildings and furniture, 02816
miscellaneous, Federal item identification guide, 05244
used furniture can be good buy, 03862
see also Office furniture and equipment.
Fuseholders:
Federal item identification guide, 04276
Fuselage:
advanced structural concepts for fuselage, 07187
advanced structural concepts for helicopters, 07189
fuselage flow fields at transonic and supersonic speeds, investigation at inlet locations, 01408
Fuses (ignition devices):
fuzes and primers, Federal item identification guide, 05239
Fuses (safety devices), *see* Electric fuses.
Fusion:
thermophysical properties of nitrogen from fusion line to 3500 R (1944 K) for pressures to PSIA, 08100
Fusion (nuclear), *see* Nuclear fusion.
Fusion reactors, *see* Reactors.
Futures, *see* Commodity exchanges–Speculation.
Fuzes, *see* Fuses (ignition devices).

G

Gabilan Range:
Oligocene stratigraphy, tectonics, and paleogeography, 05434
Gabon:
economic trends and their implications for United States, 00490
GAF Corp.:
synthetic organic dyes and pigments, workers of Linden, N.J., plant, Tariff Commission report, 05875
Gages:
inspection gages and precision layout tools, Federal item identification guide, 06441
low temperature coefficient of resistance and high gage factor in beryllium-doped silicon, 11128
radiometric gages, bibliography, 04890
telemetering hydrographic tide gauge, 06987
Gaging stations:
Gainesville, Ohio, Gainesville compost plant:
interim report, 09588
Montana, annual peak discharges from small drainage areas, 01250
Gallatin County, Mont.:
special flood hazard information–
Gallatin River, 01142
Gallatin River:
special flood hazard information–
Gallatin County, Mont., 01142
Gallinules:
hunting, possession, transportation and importation, 1973-74, Federal regulations, 00656
hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
Galveston Bay:
Houston Ship Channel, hydraulic and salinity verification, hydraulic model investigation, 00319
Galveston Customhouse:
lucky landmark, study of design and its survival, Galveston, Customhouse, Post Office, Courthouse of 1861, 08187
Gambling, Commission on Review of National Policy Toward, *see* National Policy Toward Gambling, Commission on Review of.
Game and game birds:
conservation and rehabilitation programs on military reservations–
hearing, 00152

Game and game birds—Con.
migratory birds, hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
national improvement plan, hatcheries, dealers, and independent flocks, 05916-7
see also Wildlife.
Games:
Arctic winter games, authorizations—
hearings, 00140
law, 04006
report, 03045
convertible game tables and components, Tariff Commission report, 08859
Gamma rays:
disinfestation of fruits and vegetables by gamma irradiation, dosimetry, tolerance, and shelf life extension, 02861
distribution functions of air-scattered gamma rays above isotropic plane sources, 07222
fast pulse processing for gamma-ray spectroscopy, 11073
gamma astronomy, USSR study, 01327
gamma-ray astrophysics, symposium proceedings, 08041
GRANIA, code for analysis of climatic effects on natural environmental gamma ray exposure rates, 08898
nuclear gages for monitoring coalbed of commercial-scale pressurized gas producers, 03566
GAO, *see* General Accounting Office.
Garages:
radio remote control garage door openers, workers of Chicago, Ill., plant of Chamberlain Manufacturing Corp., Tariff Commission report, 11264
two-bedroom apartment over garage, 08278
Garbage, *see* Refuse.
Gardeners:
green scene program of NPS, care and maintenance of common household and office plants, home gardener's handbook, 05707
Gardening, *see* Gardens.
Gardens:
ants in home and garden, how to control them, 05940
home and garden bulletins, 00009-11, 00720-1, 02815, 03852, 04780, 05940-2, 07114-7
Garfield, James A.:
papers, index, 05562
Garments, *see* Clothing.
Gas:
advanced coal gasification system for electric power generation, 06118
analysis of natural gases, 1972, 05578
automatic gas detectors, USSR study, 07908
bubble plume gas transfer, hypolimnion aeration with commercial oxygen, 09996
coal technology, key to clean energy, annual report, 06116
consolidation synthetic gas pilot plant, design and construction Rapid City, S. Dak., 07316
crude petroleum, petroleum products, and natural gas liquids, District 5 petroleum statement, monthly, 01888
crude petroleum, petroleum products, and natural-gas-liquids, monthly statement, 02433
crude products for chemical conversion, production and sales, 09631
directional properties of coal and their utilization in underground gasification experiments, 08010, 09475
dispersion of mine dust in channel by turbulent gas stream, 09473
error in gas calculations caused by ignoring compressibility and solution effects, 11639
flow analysis during thermal vacuum test of spacecraft self-contamination, 06892
fuel crisis and effect on tourism (remarks), 06126
fuel extraction for coal seams intersected by gas wells, 06832
full-scale desulfurization of stack gas by dry limestone injection, 06554-6
gas-lubricated cruciform-mounted tilting-pad journal bearings and damped flexibly mounted spiral-groove thrust bearing, 09217
gas requirements to pressurize abandoned deep mines, 00336
ideal gas state from 0 to 1500 K, properties of alkane hydrocarbons, C-1 through C-10, chemical thermodynamic properties of hydrocarbons and related substances, 10180
limited oil gasification experiment, 00342
low BTU gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
market performance and competition in petroleum industry, hearings, 09217
modeling high-pressure-ratio centrifugal compressor using low-speed-of-sound gas, 00036
monitors, controlled-atmosphere system for testing, 08003
national gas survey and synthetic fuel development, concentration by competing raw fuel industries in energy market and its impact on small business, investigation report, print additional copies—
report, 09764
natural gas—
act, 11512
as automotive fuel with low emission, experimental study, 04587
factors contributing to current shortages, hearings, 07519
industries, regulation and deregulation, hearings, 09198, 09916-7
industry, hearings, 08501, 09224
liquefied, quarterly literature survey, 02247
liquids, mineral industry surveys, monthly, 02350
limit imports for efficient functioning of economy, hearings, 04214
mineral industry surveys, quarterly, 02349
minerals yearbook chapter, 10194
nuclear stimulation on public lands, hearings, 05149
policy issues and options, 05141
production industry wage survey, 06802
recovering in Rocky Mountain area, by developing nuclear and other experimental techniques, GAO review, 10936
uniform system of accounts prescribed for companies, 02712
world industry surveys, 05602
oil and gas development on Continental Shelf, 09921
oil and gas energy tax act, report, 09040
Outer Continental Shelf oil and gas general lease sale, offshore Texas, 1974 proposal, 10165
parametric thermodynamic analysis of closed-cycle gas-laser operation in space, 11142

Gas–Con.
potential for conversion of oil-fired and gas-fired electric generating units to use of coal, 01212
producible shut-in oil and leases, offshore investigations, 09305
projectile loader for research gas gun, 05738
proposed 1974 Continental Shelf, oil and gas general lease sale, offshore Texas, 11588-9
respiratory exchange and blood flow in placenta, 01454
seeded gas thrusters and related system components, 08035
tax treatment of foreign oil and gas income, possible modifications, 07453
taxation of increased domestic oil and gas profits, alternatives, 07451
thermodynamic and transport properties of air and its products of combustion with ASTM-A-1 fuel and natural gas, 05633
transient turbine vane temperatures in cascade for gas stream temperature, 11653
velocity, effects on flame spread rate of plexiglas, nylon and teflon, 08073
see also Gases–Gasoline–Pipe lines.
Gas appliances, *see* Refrigeration and refrigerating machinery.
Gas chromatography, *see* Chromatography.
Gas cooled reactors, *see* Reactors (atomic).
Gas-detectors:
accuracy and precision of several portable gas detectors, 05599
Gas dynamics:
gas dynamic CO2 laser, design, amplification factor, USSR study, 05511
Gas Hills:
detection and delineation of faults by surface resistivity measurements, 07995
Gas mask canisters, *see* Canisters.
Gas pipe lines, *see* Pipe lines.
Gas producers:
noncaking coal gasified in stirred-bed producer, 10198
nuclear gages for monitoring coalbed of commercial-scale pressurized gas producers, 03566
Gas turbines, *see* Turbines.
Gas utilities:
Federal and State commission jurisdiction and regulation, 09304
Gas welding, *see* Welding.
Gas wells, *see* Gas.
Gaseous core nuclear rockets, *see* Rockets.
Gaseous propellants, *see* Propellants.
Gases:
analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
combustion, use of fluidic oscillator to measure fuel-air ratios, 11109
compressed and liquified, Federal item identification guide, 00264
confined turbulent jets in cross flow, experiments in mixing of combustion gases, 08712
dissociating gases as coolants and working substances at atomic power plants, USSR study, 03495
flue gases, development of aqueous processes for removing NOx, addendum, 04370
gaseous diffusion plant, environmental effects of construction and operation, 07236
industrial, current industrial reports, 01846, 11329
interactions of stack gas sulfur and nitrogen oxides on dry sorbents, 00334
irradiation of broken pin in sodium circuit, 09689
Monte Carlo analysis of rarefied-gas diffusion including variance reduction using theory of Markov random walks, 05626
photochemical and rate data for 12 gas phase reactions for atmospheric chemistry, 06906
population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas, USSR study, 05521
Rayleigh scattering by gases at 6328A, on measurement, 03614
Smackover formation, geochemistry, 11072
stationary-source monitoring systems for gases and visible emissions, 07749
structure of diamond films obtained from gaseous phase under low pressures, USSR study, 06767
supersonic stream parameters of real gas calculation from measurable quantities using FORTRAN IV routines, 10256
vapor impurities from TNT, RDX and composition B, gas chromatograph screen, exploratory analysis, 05301
velocity lag of solid particles in oscillating gases and in gases passing through normal shock waves, 09503
see also Nerve gases.
Gasification, *see* Gas.
Gasifiers:
advanced coal gasification system for electric power generation, 06118
analyses of tars, chars, gases, and water found in effluents for synthane process, 06840
consolidation synthetic gas pilot plant, design and construction, Rapid City, S. Dak., 07316
directional properties of coal and their utilization in underground gasification experiments, 08010
MHD-steam powerplants employing coal gasification, economic evaluation, 03567
noncaking coal gasified in stirred-bed producer, 10198
Gaskets:
shielding gasket, electronic, Federal item identification guide, 05226
Gasoline:
availability and allocation in United States–hearings, 08436
competition and antitrust implications in energy industry, 07537
conservation by maximum speed limit–hearings, 05082
danger, automotive gasoline at work., 07819
determining effects of gasoline price on use of metals in automobile manufacture, 06838
Federal tax treatment of oil and gas, analysis, 05144
gas mileage, 1974 guide for car and light-duty truck buyers by manufacturer and model, 04387, 05334
gasoline and fuel oil shortage–hearings, 00114
gasoline, more miles per gallon, 07085
individual action for energy conservation, 00944
is made to explode, 07580
it takes 1 gallon of gas for 450 eggs, food moves on fuel, 08882
limit lead in gasoline, hearings, 09199
mandatory fuels allocation for independent wholesalers and retailers–hearings, 04118

Gasoline–Con.
miles per gallon, guide for new car buyers, 04386
motor gasoline lead additive regulations, impact on petroleum refineries and energy resources, 08548
motor gasolines, summer 1973, petroleum products survey, 05589
national consumer effort to save gas and arrive alive, resolution relating to–
report, 03148
problems of small business in gasoline marketing–
hearings, 04146
prospects for 1974 availability, 10774
shortages–
hearings, 05081
see also Petroleum as fuel.
Gasoline service stations, *see* Service stations.
Gastineau Channel Formation:
composite glaciomarine deposit near Juneau, Alaska, 06697
Gastroenterology, *see* Gastrointestinal tract.
Gastrointestinal tract:
gastroenterology abstracts and citations, 02059
Gating systems:
development of range squared and off-gating modifications for lidar system, 06561
GATT, *see* General agreement on tariffs and trade.
Gauges, *see* Gages.
Gaussian distribution, *see* Mathematics.
Gaussian processes, *see* Statistical processes.
Gazetteers, *see* Geographical names.
Gazetters, *see* Geographical names.
GBF (geographic base file), *see* Geography.
Gears:
CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, recommended design modifications, 08292
CH-54B main gearbox thermal mapping program, 07193
circumferential shaft seal for aircraft gear transmissions, improved, 06853
gear pattern on airfield pavement systems performance, effects, 08538
gears and gear clusters, Federal item identification guide, 06430
grinding miniature pinion gears, 07217
mechanical component failure prognosis study, 06014
prediction of gear-mesh-induced high-frequency vibration spectra in geared power trains, 08295
transmission consisting of rolled wire worm and spiral evolute gear, USSR study, 08654
Geary project:
reclamation feasibility investigation, authorize–
law, 04001
Geese:
hunting, possession, transportation and importation, 1973-74, Federal regulations, 00656
Gekeler Slough:
special flood hazard information, 07707
Gelechioidea, *see* Stenomidae.
Gels:
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
correlations of basic gel permeation chromatography data and applications to high-boiling petroleum fractions, 11636
General Accounting Office:
annual report–
departmental edition, 09334
document edition, 09020
Comptroller General–
law, 06194
Comptroller General's decisions–
B-(series), 01793
digests, 01883
monthly, 01865
Comptroller General's opinion of legality of executive impoundment of appropriated funds, 07538
GAO review (periodical), 02058
policy and procedures manual for guidance of Federal agencies, 02060
publications list, 05412
purposes, functions, services, 10939
reports to Congress by Comptroller General of United States, 00424-8,01246-9, 04455-8, 05414, 06677-95, 07837-44 08602-7, 09336-41, 10074-84,10934-8, 11533
General agreement on tariffs and trade:
Executive Branch GATT study, effect of foreign exchange rate changes on U.S. trade and tariff concessions, 01026
trade agreements program and GATT, 1972, annual report, 02964
General Counsel of Transportation:
annual report, 01062
General Electric Co.:
electronic receiving tubes and mounts, workers of Owensboro, Ky., plant, Tariff Commission report, 08249, 08249
General Services Admininstration:
appropriations, 1974–
amendments, proposal, 06209, 00855
law, 04987
reports, 00910, 03035, 09139
supplemental, hearings, 06366
supplemental, proposal, 06216
appropriations, 1975–
hearings, 10685
changes in law recommended to enable GSA to be more effective in selling excess properties and acquiring public building sites, GAO report, 07837
GSA 1973, perspective, mission, directions, annual report, 06696
press releases, 02468
procurement of automatic data processing equipment, more competition needed, GAO report, 10081
stockpile information, 02619
General technical reports:
Forest Service, 00395, 01240, 03395-7, 04431-2, 06643, 07825-6, 08583-6
Generators, *see* Power generators–Thermoelectric generators.
Genesee County, Mich.:
solid waste disposal study, 11744
Genesee River:
flood plain information, 06506
floods, 07703
Geneseo Creek:
floods on Geneseo Creek, Geneseo, Ill., 00307
Geneseo, Ill.:
floods on Geneseo Creek, 00307
Genetics:
genetic disease, what are the facts, 10292
genetics of yellow birch, 08601, 10073
growth of black walnut trees in 8 midwestern States, provenance test, 04442
impact of genetics, 05675

Genetics–Con.
Melanesian Journal–
human genetics, expeditions to study in west and east New Guinea, Solomon Islands etc., 06962
modify individuals in order to minimize risk of cancer development, national cancer program, 04642
theoretical population genetics, bibliography, 04886
Geneva conventions:
Israel POWs in Syria, their treatment and status, hearings, 09076
Geochemistry:
geochemical reconnaissance for gold in sedimentary rocks of Great Lakes region, Minn. to N.Y., 03406
influence of liquid waste disposal on geochemistry of water at National Reactor Testing Station, 10087
liquids, gases and rocks from Smackover formation, 11072
statistical studies in field geochemistry (series), 01263
Geodesy:
geodesy and aerial photography, USSR study, 11015
geodetic control surveys, classification, standards of accuracy, and general specifications, 09549
geodetic measurements of crustal movements, reports, 00587
geodetic terms, glossary, 05260
mapping, charting, geodesy and surveying, Federal Mapping Task Force, report, 03548
National Geodetic Survey data, availability, explanation, application, 08142
space, status and prospects of development, USSR study, 11569
Geodetics, *see* Geodesy.
Geographic Base File (GBF), *see* Geography.
Geographic Names Board:
decision list, 01866
Geographical names:
decision list, 01866
gazetters, 08608, 09343
IRAC gazetteer, 03983
Laos, official standard names gazetter, 08608, 09343
Southern Rhodesia, official standard names, 03405
Geography:
applicability of residential energy consumption analyses to various geographic areas, 10977
Caribbean Atlantic geotraverse, NOAA-IDOE 1971, report, magnetic data, 10325
CARPOL, approach to large-scale carpooling using DIME technology, 08936
data uses in private sector, proceedings of executive seminar, 09710
geographic aspects of long-term economic development of Angar-Yenisey region, USSR study, 07932
geographic base (DIME) file CUE correction-update-extension–
ADDEDIT, address range edit, listing, review and correction procedures, 08951
ADDEDIT, program description for editing address range and ZIP code consistency, 07281
clerical procedures for creation, coder's manual, 08947
conference paper, 07260
defining and numbering of census blocks and block groups, procedural manual, 07280
description of operations, 08942
description of program, 08943
documentation, revised record format, 08954
FIXCORD program description, 08944
FIXDIME program description, 08945
FIXDIME technical documentation, 08952
interim update and maintenance program for GBF/DIME areas, 08949-50
interim renumbering of census blocks, procedural manual, 07279
local review, correction and update of Census Bureau's metropolitan map series, 08955
supervisory procedures for creation, supervisor's manual, 07279
TOPOEDIT, program description for editing topological consistency of census blocks, 07282
TOPOEDIT, technical documentation, 08953
geographical exploration and mapping in 19th century, survey of records in National Archives, 05643
stability of geographic index of health maintenance organizations, analysis, 11767
statistical mapping and geographic base files of Census Bureau (address), 10545
Geohydrology, *see* Hydrogeology.
Geological Survey:
appropriations, 1975, energy research and development–
hearings, 06270
report, 08371
bulletins, 00430, 03406-9, 05417-24, 06697-8, 08610, 10940
circular, 05426-9, 07845, 09644, 10086, 10942-3
general information, 10951
journal of research, 02199
new reports about water in Pacific northwest, list, 02369
photographic library, 01254
press releases, 02469
professional papers, 00436-8, 01263-6, 03412, 04473-8, 05432-6, 06700-5, 06706-7, 07860-3, 08615-6, 10088-9, 10947-9
publications, monthly list, 02368
research, 07863
toward national center for Geological Survey, 00439
Water Resources Division reports for California, list, 04480
water supply papers, 00443-5, 01282-4, 03418-20, 04485, 05438, 06708, 08618-20, 09345, 10090-2, 10958
Geological Survey National Center:
headquarters building name, John Wesley Powell Federal Building–
law, 04995
under construction in Reston, Va. name for John Wesley Powell, report, 03080
Geology:
airborne resistivity survey near Fairbanks, Alaska, aid in bedrock geology reconnaissance, 10810
bibliography of North American geology, 05420
contributions to general geology (series), 05419
Eocene rocks and oil yields of Green River oil shales on part of Kinney Rim, Washakie Basin, Wyo., 03561
exploration of Naval Petroleum Reserve No.4 and adjacent areas, northern Alaska, 1944-53, 05432

Geology–Con.
geologic structure analysis using radar imagery of coal mining area of Buchanan County, Va., 08005
geologic structures in Gulf of Mexico basin, 01264
geological investigations in Pakistan, 00436
geological studies of earth using space photographs, USSR study, 06763
Geological Survey research, 07863
geology of Gravina Island, Alaska, 05422
geology of Isle Royale National Park, Mich. (series), 05433
Girdwood-Alyeska area, Alaska, resources, 11539
Harold D. Roberts Tunnel, Colo., history of geologic investigations, engineering design and construction methods, 07862
Hetch Hetchy reservoir quadrangle, Yosemite National Park, Calif, analytic data, 06702
historic flood information for northern California streams from geological and botanical evidence, 04473
Istaru quadrangle, Costa Rica, 03407
lithostratigraphy and depositional environments of Lexington limestone (Ordovician) of central Kentucky, 08616, 10089
Montane zone of central Colorado, with emphasis on Manitou Park, 08600
Poncha Springs SE quadrangle, Chaffee County, Colo., 10948
Pulga and Bucks Lake quadrangles, Buttee and Plumas Counties, Calif., 08615
quantitative marine geomorphology of East Pacific rise, 06976
short contributions to general geology (series), 06702
some factors relevant to determination of in situ stress by analysis of geological and geophysical data, 04482
South Pass area, Fremont County, Wyo., 00437
space photographic surveys in geological studies, USSR study, 09398
see also Earth–Engineering geology–Jurassic period–Stratigraphy.
Geomagnetism, *see* Terrestrial magnetism.
Geometry:
estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
geometric design criteria and traffic operational experience on high speed freeways and interchanges, 00365
geometric investigation of effect of viewing angle on ground resolution of satellite-borne sensors, 04828
geometric method for prediction of stresses in elastic inclusions, orebodies and mining systems, 09471
geometrical and flow parameters, effect on high-effectiveness region of film cooling, 10253
geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, effect, 06883
methods which predict supersonic flow fields from body geometry, distance, and Mach number, study, 06873
subsonic inlet diffuser geometries for engine nacelles, boundary-layer analysis, 08732
subsonic inlet lip geometry on predicted surface and flow Mach number distribtutions, effect, 06882
vortex modification by mass injection and by tip geometry variation, 06016
Geomorphology, *see* Geology–Physical geography.
Geophysical instruments:
geophysical equipment, USSR study, 03501, 10998
Geophysics:
discrimination of geophysical anomalies with aid of self-learning filters, USSR study, 05522
geophysics and space data bulletin, 02062
Interdepartmental Geophysical Committee of USSR Academy of Sciences, staff, 10992
location and characteristics of interface between brine and fresh water from geophysical logs of boreholes in upper Brazos River basin, Tex., 04476
marine geophysical survey (1965-68), station-data listing and report catalog, 10354
R P-1-OC-70 Southeast Pacific geophysical survey, 00591
solar-geophysical data (periodical), 02600
some factors relevant to determination of in situ stress by analysis of geological and geophysical data, 04482
Soviet-bloc research (periodical), 02603
terrestrial surface power flux density limits for services using satellites, technical considerations in efficient use of spectrum, 03988
George C. Marshall Flight Center, *see* Marshall Space Flight Center.
Georgia:
census portrait, 08912
census of population, 1970, characteristics of population, 00049
climatological data, 01729
electric rate book, 06620
landings, fish and shellfish, annual summary, 08140, 09547
landings, fish and shellfish, monthly, 02063
pollution of interstate waters at mouth of Savannah River, 11739
precipitation data, hourly, 02100
registry of minority contractors and housing professionals, listing in selected cities, 00453
southern, field production of tomato transplants, research studies, 02819
tobacco emergency allotment lease and transfer in disaster areas–
law, 00097
water resources data, 11544
Geothermal energy:
exploration, research and development, provide financing by guaranteed loans–
report, 10743
final environmental statement for geothermal leasing program–
comments from Federal, State, local and individual interests, 01309
promulgation of leasing and operating regulations for geothermal leasing program, 04503
proposed leasing and operating regulations, comments and responses, 03438
geothermal steam development by development corporations–
hearings, 00226
national proposal for geothermal resources research, 08788
potential for energy production, 05150
research and development–
hearings, 05087, 09114

Geothermal energy—Con.
research and development through National Science Foundation and commercial utilization from NASA programs—
hearings, 08440
research, development, and demonstration act—
report, 09796
resources—
hearings, 04219
resources development—
hearings, 05147, 06395
Geothermal Energy Development Corporation:
establish—
hearings, 05087
Geothermal Resources Development Fund:
establish—
hearings, 06395
Gerald R. Ford Federal Office Building:
designate—
hearings, 11403
Germanium diodes:
germanium point contact diodes from Japan, determination of no injury to U.S. industry, Tariff Commission report, 03789
Germany:
Devonian carrier shells (Euomphalidae), 05436
East, map, 00787
Federal Republic—
economic trends and their implications for United States, 00485
full committee briefing on German offset agreement, hearings, 10688
mineral industry, 11050
regenerative blower/pumps, Tariff Commission report, 11265
five year plan summary, 09977
German field commands, guide to microfilmed records, 11676
guides to German records microfilmed at Alexandria, Va., 11676
impact of currency realignment on U.S. exports to Germany, 06759
military tenant in Germany, 10510
Germination:
germination analyses of excised embryo cylinders and whole acorns of water oak, 00404
pregermination treatments for redstem ceanothus seeds, 05398
Gerontology:
training needs in gerontology—
hearings, 04183-4
Geysers and hot springs:
vapor dominated hydrothermal systems for geothermal leasing program, 03438
Ghana:
background notes, 04742
country demographic profiles, 02870
mineral industry, minerals yearbook chapter, 11611
United States programs, GAO report, 07844
Ghitescu, Alexander:
relief, 11375
Ghitescu, Serban G.:
relief, 11375
Ghitescu, Viorica A.:
relief, 11375
GHz (gigahertz), *see* Frequency band.
GI loans, *see* Loans.
Gidharry, Raphael, *see* Johnson, Raphael.
Gift tax, *see* Inheritance and transfer tax.
Gifted children, *see* Children.
Gijon, Spain:
summary of synoptic meteorological observations, 08175
Gila River:
water supply outlook and snow surveys, 02744
Gilmer County, Ga.:
soil survey report, 01559
Gilroy, Calif.:
floods on Uvas-Carnadero Creek, 01132
Ginning, *see* Cotton gins and ginning.
Girdwood, Alaska:
Girdwood-Alyeska area, geology and water resources, 11539
Girl Scouts:
annual report, 05017
Glacial deposits:
Gastineau Channel formation, composite glaciomarine deposit near Juneau, Alaska, 06697
petrography and stratigraphy of glacial drift, Mesabi-Vermilion iron range area, northeastern Minnesota, 05419
Glacial period:
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-borne sampling Plum Island-Castle Neck, Mass., 06488
Glaciers:
botanical evidence of glacier activity (series), 06700
glaciological investigations during 1973, Isua, Greenland, 07676
Mount Rainier, Wash., recent activity, 06700
Glass:
building glass, tile, brick, and block, Federal item identification guide, 05250
cleaning, 03865
flat, current industrial reports, 01847
flat, summary for 1972, current industrial reports, 00062
friction behavior of glass and metals in contact with glass in various environments, 08068
glass-balloon-filled black paint, effects of particle size on optical properties and surface roughness, 11138
properties in some ternary systems containing BaO and SiO_2, 03632
viscous flow in glass during phase separation, investigation, 03644
Glass furnaces:
lehrs, Federal item identification guide, 03279
Glassware:
consumer, scientific, technical and industrial glassware, 11322
Glaucoma:
general information, 05661
Glide, *see* Flight.
Glider pilots, *see* Aviators.
Gliders (aircraft):
flight instructor, practical test guide, 03384
motorless flight research, 1972, 04603
private and commercial pilot, flight test guide, 03383
Global market survey, 03296
Globe Corporation:
men's suits, coats, and trousers, Tariff Commission report, 07078-9
Globulin:
human immunoglobulins and their role in infectious pathology (survey), USSR study, 04547
Glomar Challenger (drilling vessel):
cruises—
Darwin, Australia, to Colombo, Ceylon, 08155

Glomar Challenger (drilling vessel)–Con.
San Juan, Puerto Rico, to Cristobal, Panama, 08154
Suva, Fiji, to Darwin, Australia, 03679
leg 20, of cruise Sept.-Nov.1971, Yokohama, Japan to Suva, Fiji, 06993
leg 23 of cruises, Mar.-May 1972, Colombo, Ceylon to Djibouti, F.T.A.I., 11192
leg 25 of cruises, June-Aug. 1972, Port Louis, Mauritius to Durban, South Africa, 11193
Glossaries:
aquatic ecological terms, 03827
biological and related terms in water and waste water control, 11724
mapping, charting, and geodetic terms, 05260
narcotics terms, reference aid, world wide study, 01326
petroleum industry terms, 08484
reference aid, glossary of specialized Japanese terms, Asian study, 06785
science policy, working glossary, 09118
Glue:
structural glued laminated timber, 06925
Glycerides:
glycerol interference in determination of crude fiber, and moisture in intermediate moisture meat products, 04852
GNMA, *see* Government National Mortgage Association.
Go, Gloria:
relief, 00901, 09729
Goats:
census of agriculture 1969, 06071
sheep and goats inventory, 10452
Gobbing (Mining), *see* Mine filling.
GOES (geostationary operational environmental satellite), *see* Satellites
Goggles, *see* Spectacles.
Gold:
bearing gravel of ancestral Yuba River, Sierra Nevada, Calif., 10947
geochemical reconnaissance in sedimentary rocks of Great Lakes Region, Minnesota to New York, 03406
gold extraction in foreign countries, equipment and technology, USSR study, 08671
gold-ribbon hybrid-microcircuit crossovers, characterization and schedule development, 02846
mineral industry surveys, 02064, 14601
minerals yearbook chapter, 09460
U.S. movements, monthly, 02703
Golden hamsters (Mesocritcetus auratus), *see* Hamsters.
Goose Bay, Newfoundland:
use of facilities at airport, agreement with Canada, 05842
Gordon, Jean A.S.:
relief, 00836, 00977
Gorgas Memorial Laboratory:
annual report, 08353, 08405
Government:
affirmative action planning for State and local governments in equal employment opportunities , 04948
auditors, agents for good government, 03404
bills of lading, how to prepare and process, 08577
census of government, 1972, 08904
census, topical studies, 06072
citizen participation in State government, summary report, 08152
city government finances in 1971-72, 06093
confidence and concern, citizens view American Government, survey of public attitudes, 07504
contributions for Federal employees health benefits, increase–
reports, 02986, 03008
cooperative Federal-State-local health statistics system, 04646
directory, State, county and city government consumer offices, 01054
domestic and foreign government programs and policies affecting U.S. agricultural trade, Tariff Commission report, 03788
employment of women in Federal government, 1972 study, 04955
Federal–
ADP activities, 06068
census schedules, 1850-80, primary sources for historical research, 05644
disaster assistance program, handbook for State and Federal officials, 05448
domestic assistance program, catalog, 01705
impact of Federal policies on employment, poverty, and other programs–
hearings, 00235, 04237-8, 06399
name or symbol in collection of debts, prohibit misuse–
reports 03195, 04007
national priorities and budgetary process–
hearings, 06204
occupational safety and health statistics, 01529
plan for weather radars, 06972
position classification and pay, bibliography, 06114
R & D funding by function, analysis, 08787
R & D support to State and local governments gaining in emphasis, 03685
role in extending public assistance to all Americans living in poverty, 00179
State-local finances, significant features of fiscal federalism, 05911
vehicle use, hearings, 09187
federalism, system under stress, 10486
general Government appropriations, 1974–
reports, 00910, 03035, 09139
general Government appropriations, 1975–
hearings, 09816
government finances–
GF series, 02879, 04932, 04934, 06093
government in sunshine, meetings of agencies and congressional committees shall be open to public, 09934
government inventions for licensing, weekly Government abstracts, 02771
government looks at privacy and security in computer systems, 06915
governmental finances in 1971-72, 04934
grants-in-aid to State and local governments, manpower impact of Federal government programs, 04566
improved Federal and State programs needed to insure purity and safety of drinking water, GAO report, 06683
Indians, maximum participation in governing their own affairs–
hearings, 01031
report, 08459
information resources directory, Federal Government, 10168
intergovernmental science programs, program needs, 10342
local government–
decision-related research in field of management, 09561

Government–Con.
decision-related research on technology utilized, 09563
employment and payrolls, monthly, 02610
employment in selected metropolitan areas and large counties, 04933
financial practices of governments in metropolitan areas, study, 00458
manpower, improved management, report, 08363
manufacturing activity in government establishments, 07257
minding millions in today's Federal Government, 04953
minority small business programs–
hearings, 10714
more effective public service, report, 09936
new Federalism, county government is where it's at (address), 03858
nutrition and Government, national nutrition policy study, 10784
Our American Government, what is it, how does it work? revised edition–
print as House document, report, 02971
questions and answers, 04038
our Government, Federal textbook on citizenship, 01296
publications on, price list, 03718
research on foreign affairs inventory of research projects–
American republics, 09619
Europe, 09620
international relations, 09622
Near East, South Asia, and Africa, 09621
revenue sharing, its use by and impact on local governments, GAO report, 10083
separation of powers, investigation–
report, 03220
sewage treatment financing by public bodies, 11743
State and local, construction expenditure, 01799
State government, finances, 02879
substate regionalism and Federal system, 10487
substate regionalism and Federalism, 11287
U.S. foreign credits, status, 00706, 08873
water pollution control and waste water management, workshop for officials of local government, 11493
What Federal government needs to do to achieve water quality goals, research and demonstration programs, GAO report, 06695
Government agencies, *see* Government offices.
Government contracts:
abstracts of grants, contracts, and interagency agreements, 04551
architect-engineer contract with Defense Dept., how to obtain consideration, 04324
claims, primer for small businessmen, 05188
code of Federal regulations, 00377, 01215-8
Commission on Government Procurement, recommendations on executive branch progress and status,GAO report, 07843
Defense Contract Administration Services, procurement quality assurance support manual, 03261
environmental monitoring at major Atomic Energy Commission contractor sites, 06060
Forest Service fire protection contracts–
hearings, 11390
highways to skyways, study of contracts compliance programs in Department of Transportation, for civil rights, 00794
housing authorized by public contracts, construction report, 01801
identical bidding in public procurement, 01348
International Development Agency–
procurement regulations amendment, 05493
Law Enforcement Assistance Administration, grants and contracts, 10155
low-rent public housing construction handbook, 11551
MILSCAP, military standard contract administration procedures, 09254
MILSCAP, military standard contract administration procedures, nongovernment organization, United States and Canada, code to name, 03255
NASA procurement directive, 02334
NASA regulation, 02337
NASA's university program, active grants and research contracts, 10262
National Science Foundation, 08803
nongovernment organization codes for military standard contract administration procedures (MILSCAP)–
code to name, 02381
name to code, 02382, 09975
persons or firms currently debarred for violations of various public contracts acts incorporating labor standards provisions, list, 01798
physical research program, research contracts and statistical summary, 04894
procurement from small and other business firms, 11447-8
procurement invitations, subcontracting leads, etc., Commerce business daily, 01784
procurement quality assurance, 03260
proposal evaluation and source selection policy and procedures, 08628
public contracts and property management, code of Federal regulations, 01215-8, 03351
Renegotiation act of 1951 as amended–
extend, hearings, 09128
extend, summary including social security provisions, 00216
regulations, 02538
selling to prime contractors, 05748
small business and labor surplus area specialists designated to assist businessmen, 05264
ways for Department of Defense to reduce its administrative costs of awarding negotiated contracts, GAO report, 05414
see also Performance (law).
Government employees, *see* Government officials and employees.
Government employment, *see* Employment.
Government missions:
employees of diplomatic missions, list, 01904
United States Chiefs of Mission, 1778-1973, 00664
Government National Mortgage Association:
annual report, 1973, 07879
financial statement, 1973, GAO examination, 10934
mortgage-backed securities guide, 03427
temporary waiver of certain limitations applicable to purchase of mortgages–
law, 00100
report, 03137

Government offices:
collection of information by Government agencies, avoid undue delay by Office of Management and Budget in reviewing requests for permission to elicit–
report, 03241
congressional oversight of administrative agencies–
hearings, 09940
elimination of surety bonds for Federal personnel experience of Federal agencies, review, 09850
energy research and development activities, appropriations, 1975–
report, 09798
Federal agencies, keep congressional committees fully and currently informed–
hearings, 04206
Federal agencies, summer jobs examination announcement, 03968
Federal data banks and Constitutional rights, 10778
Federal labor relations programs, 06168
Federal productivity–
hearings, 11355
Federal statistical agencies, paperwork burden for small business–
hearings, 07575
General Accounting Office policy and procedures manual for guidance of Federal agencies, 02060
Government manual, 01219
guidelines for agency internal evaluation of equal employment opportunity programs, 07315
impact of actions and policies on small business by Federal regulatory agencies, Interstate Commerce Commission report, 10662
increased employment opportunities for persons unable to work standard working hours–
hearings, 05173
information on Federal agencies having impact on production and marketing of meat, GAO report, 09342
legislative authority of Federal agencies with respect to fuels and energy, analysis, 04213
meetings of agencies be open to public, response to subcommittee questionnaire, 09934
National Guard technicians, reduction in force, 11682
new Federal offices and other facilities, location, third annual report, 07131
on reductions in force in Federal agencies, 00795
organization of Federal executive departments and agencies (chart), 06392, 09215
progress of executive branch action on recommendations of Commission of Government Procurement, GAO report, 00423
proposed elimination of apportionment requirement for appointments in departmental service in District of Columbia, GAO review, 06691
U.S. actions needed to cope with commodity shortages, GAO report, 10084
see also Government supplies.
Government officials and employees:
adverse action and appeals systems, proposed changes–
hearings, 03110
agency training centers for government employees, 04956
candidates and priorities for technology assessments, survey of State officials, 11698-9
comparisons of major employee benefits programs, 00943
confidence and concern, citizens view American Government, survey of public attitudes, 07504
considerations in identification of managerial potential, 08959
constitutional oath of office for Federal employees–
hearings, 00139, 09839
crafts, protective and custodial employees coordinated Federal wage system, FPM supplement, 01984
current Federal workforce data, 10552
design and administration of adverse action and appeal systems need to be improved, GAO report, 07839
directory of public management organizations, 06796
disabled Federal employees, need for faster way to pay compensation claims, GAO report,, 06690
elimination of surety bonds for Federal personnel, experience of Federal agencies, review, 09850
employee retirement systems of State and local governments, 06072
equal employment opportunity act, implications for State and local public employers, 10553
FED facts, 00795, 04950-1, 06108, 08322-3, 11333
Federal career directory, 1973, guide for college students, 00796
Federal civilian employees loyalty program, report, print additonal copies–
report, 02970
Federal civilian manpower statistics, monthly release, 02317
Federal disaster assistance program handbook for State and Federal officials, 05448
Federal employee leave system, administration–
law, 06157
reports, 02984, 03214
Federal employees–
compensation act, amend, report, 10659
compensation act and related provisions, 05355
group life insurance program, Government payment of all costs, provide–
hearings, 09106
health benefits, increase Goverment contributions–
reports, 02986, 03008, 06251
health benefits program, administration–
hearings, 09105
health benefits program, changes, 08215
legislation enacted during 92d and 93d Congresses, 09851-2
pay adjustment, disapprove postponement, report, 03164
Federal labor relations programs, 06108
Federal manpower policy in transition, National Manpower Advisory Committee, letters, 11036
Federal news clip sheet, 01974
Federal personnel and pay, monthly report, 02318

564-800 O - 75 - 16

Government officials and employees–Con.
Federal statutory pay systems, report on comparability adjustment, message from the President, 00856
Federal trainer, 02011
Forest Service, prohibit reduction in number of employees–
hearings, 05041
Government employees' incentive awards program, improving effectiveness, GAO report, 06685
government personnel (civilian and military), customs highlights, 04265
government workers, census of population, 00764
group life insurance, FPM manual supplement, 01989
health benefits, FPM manual supplement, 01990
health benefits, social workers' services for mental health, hearings, 09849
hours of duty, pay, and leave, annotated, FPM supplement, 06111
how discrimination complaints system works, 04951
increase in Government's contribution under Federal employees health benefits program–
hearings, 07568
insurance coverage for U.S. nationals employed outside United States by Federal Government–
law, 04014
report, 03211
interagency training programs, catalog of courses, 00074
international air shuttle, proposal–
hearings,
international air travel by Government officials, economy and efficiency–
hearing, 00932
report, 03058
local government employment in selected metropolitan areas and large counties, 04933
locating Federal talent for temporary assignments under Intergovernmental personnel act of 1970, 10554
on financial protection for Federal employees, 08322
on reductions in force in Federal agencies, 00795
outstanding handicapped Federal employee, 1972 award program, 04954
payment to financial organizations for credit of Federal employees, etc., 07086
position-classification standards for general schedule (GS) positions, 02439
postal employees, instructions and information, 02440
protect privacy and rights–
report, 10733
public sector labor relations information exchange publications, 06796
salary schedules of Federal officers and employees together with history of salary and retirement annuity adjustments, 07444
salary table, executive branch of Government, 08961
selected public employee retirement systems, holdings, Governments quarterly report, 02091
student aid officers responsibilities under guaranteed student loan program, correspondence and other documents, 00129
tax information for Government civilian employees stationed abroad, 03459
training for Federal quality control review, 04731
training, reporting requirements concerning, eliminate–
law, 04011
report, 03212
unemployment compensation for Federal employees, 01906
withholding Federal employees' taxes under city ordinances–
hearings, 08425
see also Civil service–Civil service pensions–Postal Service.
Government Operations Committee, House:
activities, 93d Congress, 1st session, interim report, 09838
calendar, 02213
committee prints, 07412, 09838
hearings, 00134-5, 00931-2, 00934-6, 04103-7, 05063-9, 06302-3, 07407-11, 07413, 07514, 07517, 08393-5, 08397, 09837, 10701, 10701, 11402
investigations and studies–
authorization and expenses, report, 10627
reports, 00907, 03057-8, 04056, 04061, 05036, 06227, 06250, 06252, 06256, 07460, 08355, 09079, 09793, 11380, 11382
Government Operations Committee, Senate:
activities for 92d Congress–
report, 00999
calendar, 02233
committee prints, 04207-8, 05136, 06388, 07509, 09933-6, 11435
document, 09870
hearings, 00224, 03248, 04209, 05135, 05137, 05152, 06387, 06389-91, 06393, 07505-8, 07510-3, 07515-6, 08487-90, 09930-9932, 10770-1, 11434
investigations and studies, authorization and expenses–
reports, 00189, 00999, 01004, 03131, 03196, 03225, 03235, 03241, 06329, 06342, 06348, 08463, 11413-4, 11417
Government periodicals, *see* Periodicals.
Government Printing Office:
financial statements, GAO examination, 00425, 09339
immunity, in connection with printing, binding or other services, for Public Printer, other officers, and employees–
report, 03175
Government Procurement Commission:
acquisition of major systems–
report, 09933
recommendations on executive branch progress and status, GAO report, 07843
recommendations, small business aspects in obtaining fair proportion of awards, 08457
Government property, *see* Public property.
Government publications:
Government reports–
announcements, 02066
index, 02067
index, annual cumulations, 05716
Monthly catalog, 02310
non-GPO imprints received in Library of Congress in 1972, selective checklist, 01364
price list, Public Documents Department, PL series, 03716-8, 08818
selected, list (periodical), 02586
State publications, monthly checklist, 02311
weeekly Government abstracts–
administration, 02759

Government publications—Con.
agriculture and food, 02760
behavior and society, 02761
biomedical technology and engineering, 02762
building technology, 02763
business and economics, 02764
chemistry, 02765
civil and structural engineering, 02766
computers, control and information theory, 02767
electrotechnology, 02768
energy, 02769
environmental pollution and control, 02770
Government inventions for licensing, 02771
industrial and mechanical engineering, 02772
library and information sciences, 02773
materials sciences, 02774
medicine and biology, 02775
natural resources, 02776
ocean technology and engineering, 02777
physics, 02778
transportation, 02779
urban technology, 02780
see also Congressional documents.
Government regulation and control:
economic stablization program, phase 4, final food regulations, 00250
Federal paperwork burden for small business—hearings, 07575
Government reorganization plans:
Customs Bureau, inspection of persons and documents at U.S. ports of entry—
law, 11351
report, 06329
District of Columbia self-government and government reorganization act—
laws, 06165, 11351
reports, 00914, 06249
Drug Enforcement Administration—
establish—
hearings, 07512-7, 08490
law, 11351
reports, 03196, 06329, 07512-7
Reorganization Plan No. 2 of 1973—
hearings, 07512-7, 08490
law, 11351
reports, 03196, 06329, 07512-7
Health, Education, and Welfare Department—
comprehensive reorganization and reform, MEGA proposal, hearings, 07559
Reorganization Plan No. 2 of 1973
hearings, 07512
Government securities:
yields and prices, 02706
Government supplies:
acquisition of major systems, Government Procurement Commission report, 09933
defense integrated data system (DIDS), procedures manual, 03256-9, 04270-205201-2, 06416-7, 08520
drugs, how to improve procurement and supply, GAO report, 06682
Federal item identification guide, 00256-74, 01065-77, 03262-92, 04273-323, 05205-59, 06420-50, 07595-631, 08521-5, 09249-53, 09971-4, 11444-6
Federal low-emission vehicle procurement to stimulate production, use, etc., 08514
Federal manual for supply cataloging—
alphabetic index, 05198
item identification, 07590-1
supply classification, 07589
Federal procurement regulations, FPR amendments, 01997
Federal specificiations and standards, index, 07815
Federal standards, 00382, 01226, 04417-9, 05373-80, 06635-6, 07813-4, 09315, 10922-3
Federal supply classification handbook—
alphabetic index, supplements, 02005
groups and classes, 07588
numeric index of classes, 02004
Federal supply code for manufacturers, excluding United States and Canada, 02007
Federal supply code for manufacturers, United States and Canada—
code to name, 02008, 05197
name to code, 02009, 10050
Federal test method standard
Government Procurement Commission, small business aspects of selected recommendations for obtaining awards, 08457
Government procurement position of small business in procurements for federally supported programs, hearing, 04145
GSA stock catalog, 05381
GSA supply catalog, 02074-5
International Development Agency, procurement regulations, 01608
NASA procurement regulation, directive, 02334
NASA procurement regulation, revisions, 02337
NASA Source Evaluation Board manual, 04615
Navy procurement directives, 02359, 11211
nongovernment organization codes for military standard contract administration procedures (MILSCAP), United States and Canada, code to name, 03255
procurement and subcontracting to small business in labor surplus areas—
hearings, 07577
procurement invitations, subcontracting leads, etc., Commerce business daily, 01784
procurement of automatic data processing equipment, more competition needed, GAO report, 10081
progress of executive branch action on recommendations of Commission on Government Procurement, GAO report, 00423
selling to Department of Treasury, 11279
simplified purchase procedures, hearings, 09079
small business procurement policies of federally supported programs, report, 06225
see also Military supplies.
Governors (machinery):
auxiliary programmable governor for pump start, 03729
Governor's Commission on Crime Prevention and Control:
Minnesota, program to reduce crime, administration of program, GAO report, 05413
GPO, *see* Government Printing Office.
Gradients (mathematics):
gravity gradients at satellite altitudes, 06988
Grading (earthworks)::
cellular-block-lined grade control structure, hydraulic model investigation, 00318
Grading of commercial products:
dairy plants surveyed and approved for USDA grading service, 01860
guide to hardwood log grading, 01240
Graduate students, *see* Students.
Graduate work, *see* Colleges and universities.

Graduates:
nonprior service college graduate airmen responses to selected questions from Mar. 1971 airman sample survey, 05967
Grain:
cereal rust nurseries in Caribbean area, 1950-72, 03837
crop quality, 07099
equity in 1973 feed grain program, provide–
hearings, 04080
feed grain program–
report, 02977
foreign agriculture circulars, 02039
grain and feed industry, emissions control, engineering and cost study, 07133
grain breakage caused by commercial handling methods, 04781
heat and moisture effect on processing and storage, USSR study, 09386
large cotton, feed grain, and wheat farms, number and importance, 03310
market news, weekly summary and statistics, 02068
marketing of grain and other commodities, small business problems involved–
hearings, 06308
one centner of grain in 15 minutes of harvesting, USSR study, 11010
Russian grain transactions secrecy, investigation–
hearings, 00224, 06393
safeguards to producers in storing and selling grain, provide–
hearings, 05042
sheep and lambs on feed, 08244
stocks in all positions, quarterly report, 02069
stocks, in deliverable positions for Chicago Board of Trade, weekly report, 02620
supplies and demand, hearings, 09182
trends in world grain production, 1960 and 1972, area, production, yield, 03386
U.S. grain marketing system, effects of cost-of-service transportation rates analysis, 00021
will train meet grain? picture story, 05951
world food grain situation, hearings, 09214
Grain elevators:
agricultural buildings and structures, designs, USSR study, 08661
Grain mills:
flour and other grain mill products, industry wage survey, 11581
Grand Canyon, Ariz.:
poster, 09650
Grand Canyon National Park:
enlarge–
report, 03163
North Rim, general information, 01493
Grand jury:
District Court for District of Columbia, June 5,1972,extend life–
law, 04993
Watergate grand jury, extend–
hearings, 05077
report, 04062
Grand Lake:
taste and odor problems in drinking water, preliminary study, 09321
Grand River and Valley:
investigation, Kansas, Oklahoma, Missouri, Arkansas, 10380
quality of interstate waters, summary report, 09595
Grandparents:
older Americans in ACTION, Foster Grandparent Program, 02400
Grandparents Day:
designate–
report, 01001
GRANIA (code for exposure rates), *see* Gamma rays.
Granite:
Hetch Hetchy Reservoir quadrangle, Yosemite National Park, Calif., analytic data, 06702
Grants-in-aid:
abstracts of grants, contracts, and interagency agreements, 04551
allied health professions, special improvement grants, 10095
cancer centers program, information and guidelines on support grants, 01429
Children's Bureau–
research and demonstration grants program, 08319
dynamics and forecasts of R&D funding, 11189
emergency medical services systems, studies, planning expansion, improvement, etc.–
law, 04009
reports, 03059, 03063, 03156
Federal-aid highway act, analysis, 08563, 10028
Federal aid to–
black colleges, 09261
predominantly black colleges, 03311
school districts, eliminating, reducing, preventing minority group isolation, Emergency school aid act, 01089
States, 04768
Federal hospital subsistence guide, 01063
Federal obligations to academic and selected nonprofit institutions, instructions and specifications, 09560
fisheries, program activities, 04678
grants administration manual–
circular, 02072
staff manual, 02070
health professions special project grants, 10098
information for registered nurses entering agreement to serve in shortage area, 10101
Law Enforcement Assistance Administration, 10155
NASA grant handbook instruction, 02332
NASA's university program, active grants and research contracts, 10262
National Science Foundation grants and awards, 08803
National Science Foundation guide for preparation of proposals, 08789-99
neighborhood facilities grant program applicant handbook, 09355
neurological, sensory and communicative fields, research grant support, 06964
NiAid fiscal year 1972 awards, 10303
post-completion management of neighborhood facilities grant program, 10120
Public Health Service grants and awards, 1973 funds, 08137, 09541
Public Health Service grants policy statement, 11218
Public Health Service, 1973 funds, National Institutes of Health, training, construction, and medical libraries, 06965
public health special purpose area traineeships, 10097
quarterly awards listing grants assistance programs, 02515
research in education, 05674

Grants-in-aid—Con.
selected grants-in-aid to State and local governments, manpower impact of Federal Government programs, 04566
solid wastes demonstration grant abstracts, 11746
State maximums, other limitations, and effect of Federal matching provisions on public assistance money payments, 01432
State planning agency grants, guideline manual, 09436
student financial assistance—
hearings, 09827
waste water treatment construction grants, project register, 05335, 08554
Grapefruit:
canned, standards for grades, 02800
Indian River grapefruit, promotion—
hearings, 07385
law, 06186
Grapes:
muscadine, fruit for the South, 02814
Graphic arts, *see* Arts and crafts.
Graphic methods:
finite element analysis and computer graphics visualization of flow around pitching and plunging airfoils, 01388
GAIN (Graphic aid for investigating networks), interactive graphics interface for circuit analysis programs, 02858
graphical recoupling of angular momenta, 03633
Graphic notice and supplemental data, airman's information manual, 01635
Graphite:
mineral industry survey, 05585
natural graphite, mineral industry surveys, 11605
reprocessing graphite-carbide fuel for high temperature reactors, investigations, 02843
Graphite fluoride:
fluorine content, atmosphere and burnishing technique, effect on lubricating properties, 09509
Graphs:
simple algebraic structures for problems in linear anisotropic elasticity, solution graphs, 03693
Grasses:
important native grasses for range conservation in Florida, 11233
lawns, description, 07114
water use by native grasses in high altitude Colorado meadows, 08274
Gratuities:
tips, reporting for Federal tax purposes, 04516
Gravel:
dredging from Tennessee River, limited study of effects, 05878
freezing technique for sampling steambed gravel, 05404
gold-bearing of ancestral Yuba River, Sierra Nevada, Calif., 10947
minerals yearbook chapter, 08703
perennially frozen gravels and rock, core drilling investigation, 05306
Gravimeters:
gyrostabilized marine gravimeter, 00501
Gravina Island:
geology of Gravina Island, Alaska, 05422
Gravity:
gravity gradients at satellite altitudes, 06988
measurements, west coast Continental Shelf bottom, Cape Flattery to Santa Cruz, 10316
normal and reduced, burning of solids in oxygen-rich environments, 10228
Grease, *see* Lubricants.
Great Barrier Reef:
crown-of-thorns starfish (Acanthaster planci)—
apparent extent of recovery, 08834
infestations, 08834
Great Basin:
California, northern Great Basin and Central Valley, surface water records, 10954
central and southwest, Silurian rugose corals, 06703
Middle Devonian rugose corals of the central Great Basin, 06705
northern, surface water resources data for California, 10953
Great Britain:
British new town planning, general observations, 10107
copyright in United Kingdom for United States citizens, 01058, 05191
law, United Kingdom and Ireland, classification, Library of Congress, 08685
market factors in United Kingdom, 00282
pocket guide, 01308
quarantine import requirements, 07165
U.K. Civil Air Authority/FAA annual joint meeting, report, 10894
Great Lakes:
big eddies and mixing processes, 05318
Federal water pollution research and demonstration programs, cleaning North America's inland seas, GAO report, 06695
fisheries—
annual summary, 00584
floods, 1973, and activities of International Joint Commission, U.S. and Canada—
hearings, 05060
history of salmon in Great Lakes, 03758
International Field Year for Great Lakes—
agreement with Canada, 05839
biology-chemistry program, 07724
IFYGL bulletin, 04680, 09551
notice to mariners, 02385
pilot, surveys, 00586, 05696
promotion of safety by means of radio, agreement with Canada—
report, 00186
region, Minnesota to New York, geochemical reconnaissance for gold in sedimentary rocks, 03406
water levels, status—
hearings, 08435
Great Lakes River Basin Commission:
annual report, 09024
Great Lakes States:
estimating slash fuel for several Lake States tree species, 00412
national airport system plan, 1972, Great Lakes region, 04398
prescribed burning in Lake States, 1971, 06646
pulpwood production by counties, 04448
summary of blister rust research in Lake States, 07825
Great Patriotic War, *see* World War, 1939-45.
Great Plains:
four decades past Dust Bowl, Great Plains today, 05950
progress in meeting important objectives of Great Plains conservation program could be improved, GAO report, 00427
Scotch pine for northern Great Plains, 07833
seedable upslope cloud systems in High Plains, some climatological characteristics, 03669

Great Plains–Con.
Skywater Project, atmospheric water resources program, review of conceptual plan, conference proceedings, 04723
Great Western Sugar Company:
industrial waste pilot plant study, beet sugar refinery, 11728
Great Western Sugar Mill:
waste discharge effects on water quality conditions in South Platte River, report, 11489
Grechko, Andrey A.:
Soviet disarmament propaganda and strange case of Marshal Grechko, 09945
Greco, Guiseppe:
relief, 10604
Greece:
background notes, 07043
economic trends and their implications for United States, 04531
military assistance restrictions–
report, 09883
plant quarantine import requirements, 04818
U.S. policy options for controlling damage, 09829
Greeley, Colo.:
Cache La Poudre and South Platte Rivers, effects of waste discharges on water quality, 11488
Cache La Poudre River, bacteriological survey, 10867
Greeley Wastewater Treatment Facility, technical assistance project, 10866
Green Ball Bearing Co.:
antifriction bearings, excluding ball bearings with integral shafts, and parts thereof, at Cleveland, Ohio, Tariff Commission report, 08246
Green Bay:
seasonal variation of nitrogen, phosphorus, and chlorophyll, 05814
Green River and Valley:
compositional variations of organic material from Green River oil shale, 07992
oil shales on part of Kinney Rim, Washakie Basin, Wyo., geology of Eocene rocks and oil yields, 03561
Green River formation:
four newly named tongues of Eocene Green River formation, northern Piceance Creek basin, Colo., 05424
upper part, revision of nomenclature, 08610
Greenhouses:
controlled environment agriculture, global review of greenhouse food production, 04341
Greenland:
aviation, joint financing of certain air navigation services, agreement with other government, 05833
Greens (edible):
leafy, canned, standards for grades, 02801
Green's function:
axisymmetrical vibration of partially liquid-filled elastic sphere by method of Green's function, 08063
Greenville, Miss.:
harbor, improvements, engineers report–
departmental edition, 01139
document edition, 00961
Greenville, S.C.:
area wage survey, 07945
Gregory, James B.:
nomination–
hearings, 01023
Grenades:
Federal item identification guide, 05231
Grid system, *see* Maps and charts.
Grids:
electric arc discharge damage to ion thruster grids, 11105
Grievance procedures:
law enforcement officers' grievance system, establish in each State–
hearings, 04128
Grinders:
grinding, threading, honing, and buffing machines, Federal item identification guide, 01076
Grinding and polishing:
burnishing technique, effect on lubricating properties of graphite fluoride, 09509
grinding miniature pinion gears, 07217
grinding, threading, honing, and buffing machines, Federal item identification guide, 01076
precision grinding of molded plastic parts, vacuum chuck system and process, 07234
rotary brushes and buffing wheels, Federal item identification guide, 04292
Grips (grasping devices):
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
Gros Ventres of the Prairies, *see* Atsina Indians.
Gross national products:
growth rates and trend data by region and country, 11558
Ground, *see* Earth-Soil.
Ground effect machines, *see* Air cushion vehicles.
Ground instructors:
Federal aviation regulations, 01950
Ground schools, *see* Aeronautics.
Ground support equipment:
Apollo experience report, ground system configuration requirements, 11149
heavy lift helicopter, HLH, preliminary investigation, 00746
metallic shear walls for ballistic missile defense ground support systems, 09983
Ground water, *see* Water.
Ground waves, *see* Radio waves.
Group behavior:
from I to we, caring for children, 07300
psychic states of man in individual and group activity, complex investigation, USSR study, 01336
Group insurance, *see* Life insurance.
Group practice facilities, *see* Health centers.
Grouting:
using epoxy resin grouts, mortars, and concretes, repair of pavements, 03915
Growth:
and collapse of mixed regions in stratified fluids, 08168
effect of calcium cyanamide on growth and nutrition of planted yellow-poplar seedlings, 06665
effects of salinity and temperature on commercial shrimp, Penaeus aztecus ives, study, 09990
growth and its implication for future on resources, environment, and food supply–
hearings, 09104, 10710
logging effects on growth of juvenile coho salmon, 01152

Growth–Con.
Mississippi cottonwoods outperform local clones near Cairo, Ill., 05395
Mississippi timber growth, midcycle evaluation, 06674
raised water tables affect southern hardwood growth, 06660
setting for growth, caring for children, 07299
South Carolina best of 36 loblolly pine seed sources for southern Arkansas, 05407
toward national growth policy, Federal and State development in 1972, 00180
variation among shortleaf pines in Mississippi seed source planting, 05393
water table depth and growth of young cottonwood, 06659
Grundy, Va.:
Pocahontas 3 coalbed, methane and dust controls for longwalls, 09472
GSA, *see* General Services Administration.
Guadalupe Creek:
flood plain information, Santa Clara County, Calif., 00300
floods, Santa Clara County, Calif., 01125
Guam:
alien labor program–
hearings, 04130
delegates in Congress to make nominations to service academies, authorize–
law, 04020
report, 03022, 03226
entitle Delegate to make appointments to service academies–
hearings, 03105
income limits for below market interest rate housing and exception limits for sec. 235.6 housing, 07886
jurisdiction of submerged lands, establish, hearings, 09104
shipping between Hawaii, Guam, American Samoa, or Trust Territory of Pacific Islands and West Coast, prevent interruption–
hearings, 06376
Guaranteed minimum income, *see* Income.
Guaranties and sureties:
investment guaranties, agreement with Socialist Republic of Romania, 04748
SBA leases guarantee, 05784
Guards (safety appliances):
principles and techniques of mechanical guarding, 05750
Guatemala:
economic trends and their implicatioas for United States, 05487
military assistance, agreement, 05832
Guernsey cattle, *see* Cattle.
Guernsey County, Ohio:
drainage and flood control study, 07686
Guidance:
career education, implications for minorities, proceedings, 01087
Guidance systems:
automatic flight control devices on first Soviet rockets, 06791
en route position and time control of aircraft using Kalman filtering of radio aid data, 05634
Guinea:
map, 03957
Portuguese Guinea boundary study, 07046
Gujarat, India:
Baroda-Broach area, water resources investigations, geohydrologic reconnaissance and study plan, 04466
Gulf Coast:
electric power system disturbance affecting Southern Company system, 09303
shrimp data, annual summary, 02076, 11179
Gulf of Mexico:
environmental condtions within specified geographical regions offshore, 00322
Gulf Q Project, *see* Project Gulf Q (maritime cumulus modification).
Gulf Stream:
monthly summary, the Gulf Stream (periodical), 02322
Gunners, *see* Gunner's mates.
Gunner's mates:
gunner's mate M 1 & C, rate training manual, 01503
Gunnery:
soil stabilization investigation for 155 mm towed howitzer firing pads, 00299
Gunpowder:
black powder, exempt from licensing and permit provisions of Organized crime control act–
hearings, 00228
Guns:
firearms, published ordinances, important information to gun dealers, 09678
projectile loader for research gas gun, 05738
Gusts, *see* Winds.
Guyana:
map, 02885
Gypsum:
mineral industry survey, quarterly, 02077, 10182
Gypsy moths:
campers, stop hitchhiking gypsy moths, 00016
economic analysis of gypsy moth problem in Northeast, 06670
finding and using natural enemies of gypsy moth, 04791
forecasting gypsy moth egg-mass density, 06668
gypsy moth problem in Northeast, economic analysis applied to residential property, 08598
role of behavior in dispersal of newly hatched gypsy moth larvae, 06667
Gyromagnetism:
gyromagnetic compression of powerful relativistic defense tubular electron fluxes, USSR study, 01340
Gyropilots, *see* Aircraft automatic pilots.
Gyroplanes:
flight instructor, practical test guide, 03384
private and commercial pilot, flight test guide, 01231
Gyroscopes:
CMG [control moment gyroscope] induced LST [large space telescope] dynamics, 11113
gyroscopic instruments, USSR study, 01341
gyrostabilized marine gravimeter, 00501
USSR study, 08667

H

H.V. Eastman Lake:
designate–
law, 06180
report, 09025, 09142
Hackensack River and Valley:
flood problems–
hearings, 00162

Hafnium:
HF system at 40° C with other solubility curves from 25° to 70° C, 03565
mineral industry survey, annual, 08014
mineral industry surveys, 11647
minerals yearbook chapter, 10196
Hagerman National Wildlife Refuge:
general information, 05808
HAI, *see* Hittman Associates, Inc..
Hail:
radar in weather modification and hail control, USSR study, 03500
Hainan Island:
synoptic meteorological observations, 11708
Hair:
facial hair in oxygen masks, effects, 08176
Hair dryers:
electric can openers and hair dryers, Roto-Broil Corp. of America, Tariff Commission report, 08862
Haiti:
area handbook, 06004
economic trends and their implications for United States, 00480
trade in cotton textiles, agreement, 07061
Hale Boggs Federal Building:
designate U.S. courthouse and Federal office building under construction in New Orleans, La.–
law, 06178
report, 03081, 03193
Halfway houses:
psychiatric, residents, selected characteristics, 01460
Halides:
vibrationally excited hydrogen halides, bibliography on chemical kinetics of chemiexcitation and energy transfer processes, 10267
Hallucinations and illusions:
antipsychotic action of some neuroleptics on model LSD psychosis, USSR comparative study, 01346
Hallucinogens:
fact sheets, 05276
use, distribution, and control analysis, 06466
Halsey Powell (U.S.S.):
loan of vessels, extension, agreement with Korea, Republic, 05843
Hamiltonian function, *see also* Equations.
Hamlin Beach State Park:
wave action and breakwater design of harbor, hydraulic model investigation, 00320
Hampton Roads, Va.:
rail and marine interface–
ports, 09273
report, 03555
Hamsters:
invagination of colon with prolapse through anus in golden Syrian hamster (Mesocritcetus a. auratus), 04843
Hancock County, Ohio:
soil survey report, 03749
Hand grenades, *see* Grenades.
Hand tools:
power hand tools, consumer information, 06634
powered and non-powered, Federal item identification guide, 03284
Handbooks:
status and availability of Military handbooks and ANC bulletins for aircraft, 01195
Handicapped:
basic education rights for handicapped, National Advisory Committee on Handicapped Children annual report, 06478
books on open reel tape, list, 00532
education for all handicapped children–
hearings, 10780
Education of handicapped act, amend–
report, 03130
elderly and handicapped on Washington metropolitan rail rapid transit system, additional cost of providing mobility, 11271
Federal assistance to States and agencies for research and training in rehabilitation of–
law, 04984
from slogan to reality, severely handicapped in Federal service, 02891
group treatment for parents of handicapped children, 04576
handicapped and elderly market for urban mass transit, 11281
handicapped child in your home, 06103
handicapped pupils in local public schools, provision of instruction, 06481
outstanding handicapped Federal employee 1972 award program, 04954
performance, (periodical), 02428
programs for handicapped (periodical), 02502
reduced rate air transportation, authorize–
report, 03206
reduced rates for air transportation–
hearings, 06380
selected legislation relating to, summary, 00446
selling to industry, for sheltered workshops, 01540
sheltered workshops and homebound programs, policies, organization, operation and service activities, statement of–
principles, 01100
special education careers, programs for professional training in special education, 01095
Wagner-O'Day act amendments–
hearings, 07408
see also Disabled.
Handicapped, President's Committee on Employment of, *see* President's Committee on Employment of the Handicapped
Handicrafts:
bibliography, 01547
Handles:
Federal item identification guide, 05254, 07610
Handling equipment:
aeronautical and space systems, requirements, 01415
Handling qualities, *see* Controllability.
Hands:
did you really wash your hands? Clean food production requires clean hands (poster)–
Spanish edition, 01234
Handwheels:
Federal item identification guide, 07611
Hanford, Mary E.:
nomination, hearings, 09195
Harbors:
navigation, flood control, etc., projects, construction, repair and preservation, public works authorization–
law, 08345
report, 03028, 03032, 08450
Hard woods, *see* Hardwoods.
Hard-of-hearing, *see* Deaf.
Hardboard, *see* Pulpboard.

Hardening (materials):
effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
Harding County, N.Mex.:
soil survey report, 08220
Hardware:
bands, straps, strapping, and components, Federal item identification guide, 05252
builders and cabinet, Federal item identification guide, 07629
bumpers, bushings, mounts, and pads, Federal item identification guide, 06447
miscellaneous, Federal item identification guide, 07630
protective devices, Federal item identification guide, 07628
semiconductor devices and associated hardware, Federal item identification guide, 04321
Hardwoods:
establishing even-age northern hardwood regeneration by shelterwood method, 08593
fifteen-year results from 6 cutting methods in second-growth northern hardwoods, 08594
guide to hardwood log grading, 01240
hardwood timber stands, deriving fair incentives for management, 00415
heart rots of central region hardwoods, 07823
light, soil moisture, and tree reproduction in hardwood forest openings, 04440
plywood, current industrial reports, 00768
requirements for advance reproduction in Allegheny hardwoods, 06654
significance of sweep in Appalachian hardwood sawlogs, 06648
southern hardwood, raised water tables, affect growth, 06660
species and structure of a virgin northern hardwood stand in New Hampshire, 06655
trees, epicormic branching bordering forest openings, 00413
Harkness collection:
Library of Congress, manuscripts concerning Mexico—
selected transcriptions and translations guide, 11031
Harold D. Roberts Tunnel:
engineering geology of Harold D. Roberts Tunnel, Colorado (series), 07862
history of geologic investigations, engineering design and construction methods, Colorado, 07862
Harpers Ferry National Historical Park:
increase size, report, 09172
Harris, Georgina H.:
relief, 00980, 08991
Harris, Raymond A.:
nomination, hearings, 09193
Harrisburg, Oreg.:
flood plain information, 07699
floods, 06522
Harvesting:
timber, effects on stream temperatures, literature review, 08589
Hashish:
growing hashish traffic, National Training Institute course outline, 04336
international smuggling and passport fraud, activities of Brotherhood of Eternal Love—
hearings, 07540
Hatcheries, *see* Fish and fisheries-Poultry.
Haulage:
quiet turbofan STOL aircraft for short-haul transportation, 08029-30
Hauling, *see* Haulage.
Havasu National Wildlife Refuge:
general information, 05809
Haverhill, Mass.:
area wage survey, 07946
Hawaii:
air-conditioning military family housing, DOD's requirement is unnecessary, GAO report, 10077
census portrait, 08312
climatological data, 01730
counties and metropolitan areas, population estimates, 07273
exempt from longshoremen strike or lockout—
report, 11432
Hawaiian Islands—
tide tables, high and low water predictions, 05698
hunting seasons, limits and shooting hour schedules, Federal regulations, 04740
inscribe name on walls of Lincoln National Memorial—
report, 06331
investigation of floods in Hawaii, progress report, 10946
Island, soil survey report, 07040
landings, fish and shellfish, 00583
mineral industry, minerals yearbook chapter, 05592
other Pacific areas, water resources data, 01276
precipitation data, hourly, 02101
Public employment relations act, case study, GAO report, 05411
quality of surface waters, 04485
registry of minority contractors and housing professionals, listing in selected cities, 00456
shipping between Hawaii, Guam, American Samoa, or Trust Territory of Pacific Islands and West Coast, prevent interruption—
hearings, 06376
synoptic meteorological observations, 11711
unemployment among agricultural workers—
hearings, 09064
Waipio stabilization ponds and surrounding area, investigation, 10005
Hay:
simplified atomic absorption determination of stable strontium in milk and hay, 10829
Hayden, Ferdinand Vandiveer:
founding of Yellowstone National Park, 05430
Hazard, Ky.:
floods in vicinity, how to avoid damage, 06515
Hazardous articles:
dangerous articles and magnetized materials, information guide for training programs and manual requirements in air transportation, 03334
Hazardous substances:
associated with sublimation of solid carbon dioxide (dry ice) aboard aircraft, 10892
banned toy list, 07820
Controlled substances act, amend—
law, 10579
disposal of hazardous wastes, 06592
hazardous devices course, 00517
Hazardous materials transportation control act, amend—
law, 00103

Hazardous substances—Con.
index to hazardous materials regulations, title 49, Code of Federal regulations, 05881
oil and hazardous substances program series, 00708
slow progress likely in development of standards for toxic substances and harmful physical agents found in workplaces, HEW and Labor Dept., GAO report, 01245
toxaphene status report, 10878
transportation of dangerous articles, etc., Federal aviation regulations, 01947
transportation of hazardous materials by air—hearings, 00936
treatment of hazardous material spills with floating mass transfer media, 06571
Hazards:
biological hazards from exposure to ELF electrical fields and potentials, 05731
engineering and construction manual for instrument to make burn hazard measurements in consumer products, 08104
environmental hazards and systems schools, 09970
lead hazard elimination, paint removal, 08759
mercury-hazard potential, Warm Springs Dam and Lake Sonoma project, Dry Creek, Basin, Sonoma County, Calif., 07857
nuclear weapons accident hazards, precautions, and emergency procedures, guidance and information, 04897
Head:
facial hair in oxygen masks, effects, 08176
feline head-holder and body-restrainer for use in chronic visual electrophysiological research, 06823
Head Start Project, *see* Children.
Headsets:
electrical, Federal item identification guide, 05213
Headstart program, *see* Children.
Healing arts:
health physics in healing arts, Health Physics Society, topical symposium, 05765
Health:
activities supported by International Development Agency—report, 04538
air pollutants effects on automobile emission control, 10797
air pollutants, effects on health, conference proceedings, 08513
alcohol & health notes, 01637
alcohol and you, HSMHA employee health program on alcoholism, 01638
alcohol health and research world, 01639
Allied health services act, making it work, 10960
American Indian health, regional task force report, 04577
American Indian students pursuing professional health careers, directory, 10096
animal health research funding—report, 10611, 10613
area health educations centers, 06711
aspects report, Buckhorn Reservoir project, Contentnea Creek, N.C., 11727
barriers to health care for older Americans—hearings, 04180, 05105-6, 06355
basic health care, instructor's teaching guide, 11804
bilingual programs—hearings, 07552
careers in Veterans Administration hospitals, 09654
CDC veterinary public health notes, 01710
code of Federal regulations, 05367
community health medic of Indian Health Service—progress report, 10126
community hypertension control programs, medical basis, 04726
comprehensive health planning as carried out by State and areawide agencies in three States, GAO report, 10075
conceptual problems in developing index of health, 11170
cooperative Federal-State-local health statistics system, 04646
criteria for recommended standard, occupational exposure series, 08120-4
diplomacy of job safety (address), 08181
energy crisis effects on health care system—hearings, 07556
environmental health effects research series, 05320, 10827-8
environmental health perspectives, 01455, 08774, 10291
environmental health series, water supply and pollution control, 10379, 11723-5
environmental quality as it relates to health, selected references, 02585
EPA program planning task force for health effects research, report, fiscal year 1973, 01182
examination and health history among children and youth, 6-17 years, United States, 06929
Federal coal mine health and safety act—administration of black lung benefits program, annual report, 11400
annual report, Federal coal mine health program, 08125
Federal mine safety and health amendments of 1973, print additional copies of committee print, authorization, report, 09159
Federal mine health and safety laws, enforcement—hearings, 07409
fifty years of Uzbekistan public health and medicine, 01325
Forest Service health and safety code, 07824
grants for public health special purpose area traineeships, 10097
guide to literature of epidemiology, preventive medicine, and public health, current bibliography of epidemiology, 01833
guidelines for community programs in high blood pressure detection and control, 10283
health and nutrition examination survey, 1971-2, dietary intake and biochemical findings, 09528
health aspects of pesticides, abstract bulletin, 02083
health care systems, national nutrition policy study, report and recommendations, 10785
health characteristics by geographic region, 08108
health delivery trends, ambulatory care, 04976
health effects of airborne lead, EPA's position, 10847
health facilities series, 06709
health interview survey, current estimates, 04650
health occupations education, State instructional materials, list, 03313

Health–Con.
health-related laser characteristics for selected applications in United States, 09597
health resources statistics, health manpower and health facilities, 04647
health services reports , 02084
health services research and development, guidelines–
common data set for hospital management, 04489
hospital merger, 04490
shared services, 04491
sharing, centralization, and consolidation of health facility laboratories and related diagnostic services, 04488
uniform hospital discharge data, 04492
health services research and health statistics programs, revise and expand–
report, 09892
health services to Indians, progress and problems, GAO report, 07842
health statistics today and tomorrow, 00565
Health, Education, and Welfare Department, oversight on reorganization of programs–
hearings, 07420
home health services–
report, 07462
how to pay for your health career education, guide for minority students, 06710
human health and progress, USSR study, 08658
Indian health trends and services, 07891
industry, basic facts, 05093
international health regulations, amendments, agreement, 11781
job safety & health (periodical), 02190
legislation, hearings, 00234
mandatory health and safety standards in mining, 04592
marihuana and health, 3d annual report to Congress, 09540
material and child health services of State and local departments, 08968
medical and health related sciences thesaurus, 01467
national health expenditures–
calendar years 1929-72, 08213
fiscal year 1973, 08210
National health planning and development act, hearings, 09232
national high blood pressure education program–
community education, 05668
resource and impact assessment, 06939
nutrition and health, national policy, working paper, 09959
nutrition, health, and development services, national nutrition policy, 11437
occupational safety and health act, President's report, 08186
occupational safety and health–
all about OSHA, who, what, where, etc. of act of 1970, 04708
construction standards and interpretations, 08814, 11713
general industry standards and interpretations, 04709-10, 10366
maritime standards and interpretations, 05749
questions and answers to Pt.1910, OSHA general industry standards, 04711
statistics of Federal Government, 01529
occupational safety and health regulations OSHA (series), 01530
patient education programing, proceedings of workshop, 01285
personal health care expenditures by State–
public funds, 04732
potential radiological health effects from radon in natural gas, 08188
professions special project grants, 10098
programs extension act–
hearings, 00939
public health and welfare criteria for noise, 00351
public health, conference on records and statistics, 10276
public health laws, consolidate and revise–
hearings, 00143
public health program and staff, region 6, 11736
Public Health Service grants policy statement, 11218
Public Health Service, grants and awards, fiscal year 1973 funds, 00580
public health, traineeship program, grants for residency programs in preventive medicine and dental public health, 10099
Radiation control for health and safety act–
hearings, 01022
radiological health programs, State and local
report, 05766
retirement, life insurance, and health benefits program, Dec. 1972, benefit comparisons and cost projections, 00155
revenue sharing and health services–
report, 10676
review and comment, manual, State and area-wide comprehensive health planning agencies, 00816
safety, occupational health and fire protection bulletin, VA, 02566
sciences, UCLA computing facility, 08138
services, research and development programs, revise–
hearings, 00143
report, 08358-9
smoking and health bulletin, 02596
social and health indicators system–
Atlanta, 08939
Mound Bayou, Miss., 09711
Phoenix, 08938
Soviet public health (USSR periodical), 02604
Veterans health care expansion act–
report, 03129
vision test validation study for health examination survey among youths, 06927
vital and health statistics–
data evaluation and methods research, 06927, 11170-1
data from National health survey, 03652, 04649-50, 05651-2, 06928-31, 08108-10, 09529-30, 10277
data from National vital statistics system, 00566, 01430, 06932, 08111
data on National health resources, 10278, 11680
documents and committee reports, 00565
voluntary agencies and community mental health services, 08777
world hunger, health and refugee problems, crisis in West Africa–
hearings, 05165
see also Medical care-Mental health.
Health aides:
homemaker/home health aide services in United States, 07341

Health and Safety Laboratory:
AEC fallout program, quarterly summary–
appendix, 03925, 04884, 10519
report, 03924, 06041
HASL procedures manual, 06042
Health care institutions, *see* Health centers.
Health centers:
Area Health Education Centers, National Conference, proceedings, 05442
area health education centers, 06711
better use should be made of physicians and dentists, GAO report, 09337
financial planning in ambulatory health programs, announcement, 10102
geographic index of reimbursement, analysis of stability, 11767
group medical practice facilities, FHA mortgage insurance program, 06715
guidelines for producing uniform data for health care plans, 03651
health facilities, health resources statistics, 04647
health maintenance organizations–
law, 04999
law, explanation and text, 09947
provide assistance for establishment and expansion, provide, report, 02992, 05101, 06226
use as alternative to CHAMPUS program for beneficiaries of Defense Department, authorize, report, 03037, 03053
inpatient health facilities as reported from 1971 MFI survey, 10278
national high blood pressure education program, 06939
resource and impact assessment, 06939
shared services, health services research and development guidelines, 04491
sharing, centralization, and consolidation of health facility laboratories and related diagnostic services, annotated bibliography, 04488
State comprehensive health planning agencies, annual conference, 08330
study of programs for health services in outpatient health centers in District of Columbia, GAO report, 00428
use as alternative to CHAMPUS program for beneficiaries of Defense Department, authorize, report, 03037, 03053
Veterans health care expansion act–
report, 03129
see also Nursing homes.
Health insurance:
administration health proposal–
hearings, 09923
age differences in medical care spending, 08216
alternative to CHAMPUS program for beneficiaries of Defense Department is use of health maintenance organizations–
authorize
report, 03037, 03053
comprehensive health insurance plan, message from President, 09743
digest of health and insurance plans, 05556
digest of selected health and insurance plans, 01881
Federal employees–
coverage for services of psychologists and optometrists, 00942
Federal personnel manual, supp., 01990
health benefits, increase Government contributions, report, 02986, 03008, 06251
health benefits program, administration, hearings, 09107
health benefits program, changes, 08215
hearings, 00942
Federal health benefits coverage supplemental to medicare program, hearings, 09107
guidelines for producing uniform data for health care plans, 03651
health insurance for aged, hospital and skilled nursing facility admissions, fiscal year 1972, 11231
health insurance statistics, current medicare survey report, CMS series, 03738
health insurance statistics, HI series, 09610, 10296, 10411-5, 11231
increase in Government's contribution under Federal employees health benefits program–
hearings, 07568
independent plans, 1972, preliminary estimates, 11769
medical insurance, your medicare handbook, 05798, 10423
medicare, health insurance for the aged, 00635, 08842
national health insurance–
brief outline of pending bills, 09204
proposals, provisions of bills introduced in 93d Congress as of Feb. 1974, 09611
retirement pay and medical benefits for commissioned officers, appropriations, 1975–
hearings, 10678
social security rulings, 02598
social workers' services for mental health under Federal employees health benefits program–
hearings, 09849
see also Medicare-Oldage, survivors, disability, and health insurance.
Health maintenance organizations, *see* Health centers.
Health Manpower Education Bureau:
grants and awards, 1973 funds, 09541
Health personnel, *see* Medical personnel.
Health physics, *see* Physics.
Health Physics Society:
health physics in healing arts, 7th midyear topical symposium, 05765
Health professions, *see* Medical personnel.
Health Resources Administration:
appropriations, 1975–
hearings, 10678
Health service workers:
Operation MEDIHC, military experience directed into health careers, for health trained service personnel, 06712
Health Services Administration:
health services to Indians, progress and problems, GAO report, 07842
Health Services and Mental Health Administration:
alcohol and you, HSMHA employee health program on alcoholism, 01638
health service programs, potential effects of HEW's proposed regulations, hearings, 07559
HSMHA supervisors' guide on alcohol abuse, 01200
management intern program, 00449
Public Health Service, grants and awards, 1972 funds, 00579
Health, Education and Welfare Department:
appropriations, 1974–
hearings, 01011-2, 05112-4, 06364
law, 02944, 04987, 06160, 06194

Health, Education and Welfare Department—Con.
report, 00910, 00992, 03006, 03035, 03077, 04077, 05035, 06322, 09139, 09141, 09756, 09758
supplemental, hearings, 06367
waiving points of order, report, 02968
appropriations, 1975—
hearings, 09807-9, 10678
Assistant Secretary—
nomination of Charles C. Edwards, hearings, 01040
Planning and Evaluation, nomination of William M. Morrill, 04199
Public Affairs nomination of Lewis M. Helm, 04199
Commissioner of Social Security, nomination of James B. Cardwell, hearings, 11433
comprehensive health planning as carried out by State and areawide agencies in three States, GAO report, 10075
comprehensive simplification and reform, MEGA proposal, hearings, 07559
drugs in Federal Government, how to improve procurement and supply, GAO report, 06682
General Counsel, nomination of John B. Rhinelander, hearings, 11433
grants administration manual, 02070
health program, oversight on reorganization, hearings, 07420
how to do business with DHEW, 10093
occupational safety and health act, President's report, 08186
press releases (HEW news), 02470
slow progress likely in development of standards for toxic substances and harmful physical agents found in workplaces, GAO report, 01245
telephone directory, 05439
Hearing:
aquatic and dysbaric environments, 08691
aural detection performance over 129 minute simulated sonar watch, 06827
see also Echolocation (physiology).
Hearing aids:
hearing aids and the older American—hearings, 08465
Hearing defects, *see* Deaf.
Hearn, George H.:
nomination, hearings, 09195
Heart:
long-life cardiac pacemakers, brief report on status, 06936
radioisotope powered cardiac pacemaker program, 04881, 07213
radioisotope thermal converter for artificial heart device, evaluation of practicability, 06059
see also Artificial heart.
Heart diseases:
USA-USSR Joint Symposium on Congenital Heart Disease, proceedings, 08115
Heart rot:
central region hardwoods, 07823
Heat:
effect on grain processing and storage, USSR study, 09386
extreme heat exposure, peculiarities of influence of training of different types on tolerance of human body, USSR study, 11013
low BTU gasification high temperature-low tempera ire H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
Project Foggy Cloud 4, warm fog modification by electrostatically charged particles, 08177
thermal characteristics of Lake Michigan, 01563
transmission thermal mapping, (CH-47C forward rotor transmission), 00744
validity of heat-field concept for sonic-boom alleviation, 08040
see also Heat transfer-Waste heat.
Heat capacity:
low-temperature heat capacity and high-temperature enthalpy of TiAl3, 11630
thermodynamics of chemical species important to rocket technology, 08093-4
Heat exchangers:
and steam condensers, Federal item identification guide, 03278
"light bulb" heat exchanger for magnetohydrodynamic generator applications, 09507
Heat flux, *see* Heat transfer.
Heat pipes, *see* Pipe and pipe fittings.
Heat shields:
chromia doping on thermal stability of silica fibers as reusable surface insulation for reentry vehicles, effect, 08046
complex permittivity during high temperature recycling of space shuttle antenna window and dielectric heat shield materials, 01391
critical defects in ablative heat shield system for space shuttle, study, 08024
damping contribution of elastomeric ablator on aluminum beams, 10215
determination of vibration characteristics of corrugated, flexibly supported, heat-shield panels, 10245
rigidized fibrous materials as reusable surface insulation for reentry vehicles, 08038
Heat transfer:
adverse effect in increased heat transfer coefficients of film cooling on suction surface of turbine vane, 08742
analytical and experimental investigation of rotating and noncapillary heat pipes, 00548
calculating reentry base heating, new technique, 08065
CH-54B main gearbox thermal mapping program, 07193
convection cooled turbine vane, pressure loss and flow coefficients, 10226
extended evaluation of particulate precipitating heat transfer surface, 07680
film cooling effectiveness loss due to burning of fuel entrained into combustor operating at fuel-rich exit conditions, 06894
finite element method for thermal analysis, 06857
geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, effect, 06883
heat and mass transfer in porous media analysis using strongly implicit procedure, 08080
injection of heated turbulent jet into cross flow, heat transfer analysis, 05635
LMFBR fuel and blanket assembly design thermal conductivity, review of studies, 07227
Martian thermal boundary layers, subhourly variations induced by radiative-conductive heat transfer, 03587
nuclear reactor thermal transients during startup of 60-KWe Brayton power conversion system, 08720

Heat transfer–Con.
numerical marching techniques for fluid flows with heat transfer, 06847
problems of heat transfer in space, 00554
proposed heat-transfer tunnels for small turbine vanes, water-table tests, 11110
reliability and effective thermal conductivity of three metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
simplified approach for predicting temperature distribution in wire wrapped rod bundle assemblies, 07228
thermal conductivity at room temperature and below, review and compilation of literature, 03638
thermal radiation, exchange between surfaces and in enclosures, 04616
thermal treatments upon concentratability of nonmagnetic iron ore, effects, 03568
thermotransport in liquid aluminum-copper alloys, 01414
Viking aeroshell model, effects of projections and cavities, 10219
see also Thermal radiation.
Heaters:
space, Federal item identification guide, 04275
Heating:
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
application of solar energy to heating of buildings, research on subsystems and systems, 09566
combustion equipment for space heating (data supplement), field investigations of emissions, 04371
field investigation of emissions from combustion equipment for space heating, 01167
geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, effect, 06883
heating and cooling system, development of solar-powered residential unit, 11083
hot-flow heating system problems related to gas core reactor, simulator tests to study, 06845
HVAC systems, report of fire tests on flexible connectors, 06908
loading and heating of large flat plate at Mach 7 in Langley 8-foot high-temperature structures tunnel, 01404
residential energy consumption, single-family residences, verification of time-response method for heat load calculation, 10976
solar energy utilization–
hearings, 05085
solar heating and cooling demonstration act–
background and legislative history, 09857
hearings, 08442, 09951
report, 08361, 09761, 10736, 10742
Solar Heating and Cooling for Building Workshop, proceedings, 08804
solar heating research and development by NASA–
hearings, 08440
see also Electric heating.
heating and cooking equipment, current industrial reports, 00769, 10540
heating and sanitation equipment, Federal item identification guide, 01069
welding and heat treating equipment, Federal item identification guide, 06445
Heating oils, *see* Petroleum.
Heavy metals, *see* Metals.
Hebert, F. Edward, Federal Building, *see* F. Edward Hebert Federal Building.
Helena National Forest:
general information, 03398
Helicopters:
active arm external load stabilization system for cargo handling helicopters, design, fabrication, and flight test, 07190
advanced structural concepts for fuselage, 07187, 07189
advanced tandem-rotor helicopters, ground-based simulator input data for hovering, 08294
advanced torque measurement system for powerplant, 06018
aerodynamic stability of helical vortices shed from hovering rotor, analytical investigation, 07196
AH-1G design and operational flight rotor loads study, 07182
airmobility, evolution in Army, 1961-71, Vietnam studies, 06023
Army helicopter hydraulic servocylinder reliability and maintainability investigation, 00039
Army helicopter hydraulic system reliability and maintainability investigation, 07185, 08893
Army helicopter rod end bearing reliability and maintainability investigation, 00745
Army helicopter transparent enclosures, development of design, test, and acceptance criteria, 07186
automatically stabilizing helicopter sling loads, method, 11664
basic helicopter handbook, 03381
cargo handling systems, qualification test methods, 07192
certification and operations of scheduled air carriers with helicopters, Federal aviation regulations, 01948, 11499
CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, recommended design modifications, 08292
CH-47C forward rotor transmission, thermal mapping, 00744
CH-54B main gearbox thermal mapping program, 07193
design and operational flight loads study–
CH-47A, 06015
CH-54A, 07181
design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
dynamic model wind tunnel tests of a variable-diameter, telescoping blade rotor system (TRAC rotor), 04874
external loads effects on sling properties, 09685
failure analysis of helicopter external cargo-handling systems, 00040
fan-in-fin yaw control concept, effects on helicopter flying-quality characteristics, 08727
flight instructor, practical test guide, 03384
flight noise measurement program using standard and modified SH-3A helicopter, 06051
fog dispersal experiment using helicopter downwash, 04823
gross weight and center of gravity measurement system, 06021

Helicopters–Con.
heavy lift helicopter, HLH, ground equipment necessary, preliminary investigation, 00746
helicopter drive system load analysis, 07200
helicopter inspection design requirements, 02841
helicopter transmission housing applications, investigation of use of carbon composite materials, 06011
HLH/ATC drive system aft rotor shaft bearing test, report, 08290
in-flight stabilization of externally slung helicopter loads, 06010
instrument pilot, flight test guide, 10926
interdisciplinary rotary-wing aircraft analysis, application to prediction of helicopter maneuver loads, 10514
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
investigation of maneuverability of S-67 winged helicopter, 00041
low-radar-cross section OH-6A helicopter tail rotor blade, 11305
maintainability analysis of major helicopter components, 04877
maneuverability effects on rotor/wing design characteristics, 07202
manufacturing methods technology (MM&T) for ballistic-tolerant flight control components, 00038
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
mechanical component failure prognosis study, 06014
model 301 HLH/ATC cargo handling system coupling, technology development report, 07197
OH-58 helicopter equipped with elastomeric-bearing main rotor cold-weather flight tests, 07188
OH-6A design and operational flight rotor loads study, 08291
on-condition maintenance for helicopter transmissions, analysis of criteria, 06020
operational, improved method for design of expansion-chamber mufflers, 00553
private and commercial pilot, flight test guide, 04421
reliability and maintainability analysis technique, 07191
results of noise measurement program on standard and modified OH-6A helicopter, 01401
rotating control system of CH-54B helicopter, evaluation of stall-flutter spring-damper pushrod, 06019
rotor hubs, composite material, 06012
rotor/wing design characteristics, maneuverability effects, analysis, 10516
shore party and helicopter support team operations, Fleet Marine Force manual, 05568
small helicopter, comparison of acoustic performance of 5 muffler configurations, 10241
St.Louis helicopter project, cooperative effort among 14 railroad police departments, 08256
stall flutter of helicopter rotor blade, analysis, 04605
torsional natural frequency of rotor blades on stall-induced dynamic control loading, investigation of effect, 07198
transmission modularization and maintainability analysis, 07195
UH-1D filament-wound tubular-reinforced rotor blade, 07184
vortex modification by mass injection and by tip geometry variation, 06016
Heliports:
Army airfield and heliport rigid and overlay pavement design, 03916
Army airfield-heliport, operational and maintenance facilities, technical manual, 04870
planning and design, theater of operations, 07173
Helium:
Langley Mach 10 high Reynolds number helium tunnel, operating characteristics, 11099
measured pressure distributions on large-angle cones in hypersonic flows of tetrafluoromethane, air, and helium, 08059
strain-cycling fatigue behavior of 10 structural metals in liquid helium, 09506
structural changes in speech uttered in helium-oxygen medium, USSR study, 03510
venting characteristics of gaseous helium and nitrogen discharging into free stream, 10222
Helm, Lewis M.:
nomination–
hearings, 04199
Helms, Richard:
nomination–
hearings, 08485
Hematology, *see* Blood.
Hemiascomycetes:
Nematosporaceae (Hemiascomycetidae), taxonomy, pathogenicity, distribution, and vector relations, 04794
Hemisphere, Northern:
daily synoptic weather maps, 01855
Hemisphere, Western:
agricultural production excluding United States and Cuba, 1963-72, indices, 00292
agricultural situation in Western Hemisphere, review of 1973 and outlook for 1974, 08534
immigration, extend seven category preference system to 20,000 per country limit–
report, 02988
trade corporation income tax returns, 04519
Hemodialyzers, *see* Artificial kidneys.
Hemoglobin:
normal carboxyhemoglobin levels of blood donors, 07735
see also Carboxyhemoglobin.
Hemophilia:
diagnosis and treatment programs–
hearings, 09948
treatment in United States, pilot study, NHLI'S blood resouces studies, 01439
Hemopoiesis, *see* Blood.
Hemphill County, Tex.:
soil survey, 11237
Henderson, Nev.:
wastewater treatment plants, evaluation, 10006
Heong, Toy L. L.:
relief, 00881, 02910
Hepatitis:
general information, 06946
surveillance, Center for Disease Control, reports, 02085
viral hepatitis, infectious diseases research, 08130
what is hapatitis, 08957

Heat transfer—Con.
numerical marching techniques for fluid flows with heat transfer, 06847
problems of heat transfer in space, 00554
proposed heat-transfer tunnels for small turbine vanes, water-table tests, 11110
reliability and effective thermal conductivity of three metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
simplified approach for predicting temperature distribution in wire wrapped rod bundle assemblies, 07228
thermal conductivity at room temperature and below, review and compilation of literature, 03638
thermal radiation, exchange between surfaces and in enclosures, 04616
thermal treatments upon concentratability of nonmagnetic iron ore, effects, 03568
thermotransport in liquid aluminum-copper alloys, 01414
Viking aeroshell model, effects of projections and cavities, 10219
see also Thermal radiation.
Heaters:
space, Federal item identification guide, 04275
Heating:
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
application of solar energy to heating of buildings, research on subsystems and systems, 09566
combustion equipment for space heating (data supplement), field investigations of emissions, 04371
field investigation of emissions from combustion equipment for space heating, 01167
geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, effect, 06883
heating and cooling system, development of solar-powered residential unit, 11083
hot-flow heating system problems related to gas core reactor, simulator tests to study, 06843
HVAC systems, report of fire tests on flexible connectors, 06908
loading and heating of large flat plate at Mach 7 in Langley 8-foot high-temperature structures tunnel, 01404
residential energy consumption, single-family residences, verification of time-response method for heat load calculation, 10976
solar energy utilization—
hearings, 05085
solar heating and cooling demonstration act—
background and legislative history, 09857
hearings, 08442, 09951
report, 08361, 09761, 10736, 10742
Solar Heating and Cooling for Building Workshop, proceedings, 08804
solar heating research and development by NASA—
hearings, 08440
see also Electric heating.
heating and cooking equipment, current industrial reports, 00769, 10540
heating and sanitation equipment, Federal item identification guide, 01069
welding and heat treating equipment, Federal item identification guide, 06445
Heating oils, *see* Petroleum.
Heavy metals, *see* Metals.
Hebert, F. Edward, Federal Building, *see* F. Edward Hebert Federal Building.
Helena National Forest:
general information, 03398
Helicopters:
active arm external load stabilization system for cargo handling helicopters, design, fabrication, and flight test, 07190
advanced structural concepts for fuselage, 07187, 07189
advanced tandem-rotor helicopters, ground-based simulator input data for hovering, 08294
advanced torque measurement system for powerplant, 06018
aerodynamic stability of helical vortices shed from hovering rotor, analytical investigation, 07196
AH-1G design and operational flight rotor loads study, 07182
airmobility, evolution in Army, 1961-71, Vietnam studies, 06023
Army helicopter hydraulic servocylinder reliability and maintainability investigation, 00039
Army helicopter hydraulic system reliability and maintainability investigation, 07185, 08893
Army helicopter rod end bearing reliability and maintainability investigation, 00745
Army helicopter transparent enclosures, development of design, test, and acceptance criteria, 07186
automatically stabilizing helicopter sling loads, method, 11664
basic helicopter handbook, 03381
cargo handling systems, qualification test methods, 07192
certification and operations of scheduled air carriers with helicopters, Federal aviation regulations, 01948, 11499
CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, recommended design modifications, 08292
CH-47C forward rotor transmission, thermal mapping, 00744
CH-54B main gearbox thermal mapping program, 07193
design and operational flight loads study—
CH-47A, 06015
CH-54A, 07181
design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
dynamic model wind tunnel tests of a variable-diameter, telescoping blade rotor system (TRAC rotor), 04874
external loads effects on sling properties, 09685
failure analysis of helicopter external cargo-handling systems, 00040
fan-in-fin yaw control concept, effects on helicopter flying-quality characteristics, 08727
flight instructor, practical test guide, 03384
flight noise measurement program using standard and modified SH-3A helicopter, 08051
fog dispersal experiment using helicopter downwash, 04823
gross weight and center of gravity measurement system, 06021

Helicopters—Con.
heavy lift helicopter, HLH, ground equipment necessary, preliminary investigation, 00746
helicopter drive system load analysis, 07200
helicopter inspection design requirements, 02841
helicopter transmission housing applications, investigation of use of carbon composite materials, 06011
HLH/ATC drive system aft rotor shaft bearing test, report, 08290
in-flight stabilization of externally slung helicopter loads, 06010
instrument pilot, flight test guide, 10926
interdisciplinary rotary-wing aircraft analysis, application to prediction of helicopter maneuver loads, 10514
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
investigation of maneuverability of S-67 winged helicopter, 00041
low-radar-cross section OH-6A helicopter tail rotor blade, 11305
maintainability analysis of major helicopter components, 04877
maneuverability effects on rotor/wing design characteristics, 07202
manufacturing methods technology (MM&T) for ballistic-tolerant flight control components, 00038
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
mechanical component failure prognosis study, 06014
model 301 HLH/ATC cargo handling system coupling, technology development report, 07197
OH-58 helicopter equipped with elastomeric-bearing main rotor cold-weather flight tests, 07188
OH-6A design and operational flight rotor loads study, 08291
on-condition maintenance for helicopter transmissions, analysis of criteria, 06020
operational, improved method for design of expansion-chamber mufflers, 00553
private and commercial pilot, flight test guide, 04421
reliability and maintainability analysis technique, 07191
results of noise measurement program on standard and modified OH-6A helicopter, 01401
rotating control system of CH-54B helicopter, evaluation of stall-flutter spring-damper pushrod, 06019
rotor hubs, composite material, 06012
rotor/wing design characteristics, maneuverability effects, analysis, 10516
shore party and helicopter support team operations, Fleet Marine Force manual, 05568
small helicopter, comparison of acoustic performance of 5 muffler configurations, 10241
St.Louis helicopter project, cooperative effort among 14 railroad police departments, 08256
stall flutter of helicopter rotor blade, analysis, 04605
torsional natural frequency of rotor blades on stall-induced dynamic control loading, investigation of effect, 07198
transmission modularization and maintainability analysis, 07195
UH-1D filament-wound tubular-reinforced rotor blade, 07184
vortex modification by mass injection and by tip geometry variation, 06016
Heliports:
Army airfield and heliport rigid and overlay pavement design, 03916
Army airfield-heliport, operational and maintenance facilities, technical manual, 04870
planning and design, theater of operations, 07173
Helium:
Langley Mach 10 high Reynolds number helium tunnel, operating characteristics, 11099
measured pressure distributions on large-angle cones in hypersonic flows of tetrafluoromethane, air, and helium, 08059
strain-cycling fatigue behavior of 10 structural metals in liquid helium, 09506
structural changes in speech uttered in helium-oxygen medium, USSR study, 03510
venting characteristics of gaseous helium and nitrogen discharging into free stream, 10222
Helm, Lewis M.:
nomination—
hearings, 04199
Helms, Richard:
nomination—
hearings, 08485
Hematology, *see* Blood.
Hemiascomycetes:
Nematosporaceae (Hemiascomycetidae), taxonomy, pathogenicity, distribution, and vector relations, 04794
Hemisphere, Northern:
daily synoptic weather maps, 01855
Hemisphere, Western:
agricultural production excluding United States and Cuba, 1963-72, indices, 00292
agricultural situation in Western Hemisphere, review of 1973 and outlook for 1974, 08534
immigration, extend seven category preference system to 20,000 per country limit—
report, 02988
trade corporation income tax returns, 04519
Hemodialyzers, *see* Artificial kidneys.
Hemoglobin:
normal carboxyhemoglobin levels of blood donors, 07735
see also Carboxyhemoglobin.
Hemophilia:
diagnosis and treatment programs—
hearings, 09948
treatment in United States, pilot study, NHLI'S blood resouces studies, 01439
Hemopoiesis, *see* Blood.
Hemphill County, Tex.:
soil survey, 11237
Henderson, Nev.:
wastewater treatment plants, evaluation, 10006
Heong, Toy L. L.:
relief, 00881, 02910
Hepatitis:
general information, 06946
surveillance, Center for Disease Control, reports, 02085
viral hepatitis, infectious diseases research, 08130
what is hapatitis, 08957

Herbert Hoover Presidential Library:
historical materials, 10263
Herbicides, *see* Atrazine-Pesticides.
Hereditary diseases:
genetic disease, what are the facts, 10292
Heritage, *see* Tradition.
Hermit crabs, *see* Crabs.
Hernando Packing Co.:
motor carrier accident investigation report, 09477
Herr Manufacturing Co. Inc.:
textile machinery parts, Tariff Commission report, 11266
Hetch Hetchy Reservoir quadrangle:
Yosemite National Park, Calif., analytic data, 06702
Heuristics:
heuristic routing for solid waste collection vehicles, 10862
HEW, *see* Health, Education, and Welfare Department.
Hialeah, Fla.:
preliminary evaluation of infiltration from Miami Canal to well fields in Miami Springs-Hialeah area, Dade County, Fla., 01262
Hickory:
American wood, 04426
estimating fire-caused mortality and injury in oak-hickory forests, 06662
Hickory Creek:
flood plain information, 06502
floods, 06517
Hickox (U.S.S.):
loan of vessels, extension, agreement with Korea, Republic, 05843
Hidalgo County, N.Mex.:
soil survey report, 04739
Hidatsa Indians:
reading list, 01300
High blood pressure, *see* Blood pressure.
High energy physics, *see* Atomic energy-Atomic physics.
High frequency, *see* Frequency bands.
High Plains, *see* Llano Estacado.
High rise building, *see* Buildings.
High School News Service:
basic facts about military service, report, 07632
report, basic facts edition, 00276
report, (periodical), 02087
High schools:
equivalency diploma, GED testing, 07892
nonpublic secondary schools, 1970-71, statistics, 04349
positive approaches to dropout prevention, 07666
secondary schools under Fair labor standards act, 05906
see also Secondary education.
High seas, Jurisdiction over, *see* Maritime law.
High temperature materials, *see* Refractory materials.
High-energy physics, *see* Atomic energy.
High-school students, *see* Students.
High-speed ground transportation:
west coast, investigation and study for feasibility of system between Sacramento and San Diego, Calif.—
hearings, 00206
High-temperature materials, *see* Refractory materials.
Higher education, *see* Colleges and universities.
Highland Estates:
Lee County, Fla., effects of plugging deep artesian well on concentration of chloride in water in water-table , 00432
Highway bridges, *see* Bridges.
Highway construction, *see* Roads and highways.
Highway engineering, *see* Roads and highways.
Highway motor vehicles, *see* Motor vehicles.
Highway safety, *see* Safety of life.
Highways, *see* Roads and highways.
Hijacking, *see* Air piracy.
Hillsborough River and Valley:
Florida, flood profiles, 11538
hydrograph simulation models of Hillsborough and Alafia Rivers, Fla., 01256
Hiring practices, *see* Employment.
Historians:
training courses in conservation/restoration, International Centre for Study of Preservation and Restoration of Cultural Property, 04771
Historic American Buildings Survey:
documenting legacy, 40 years of survey, 07954
Historic Preservation, Advisory Council on, *see* Advisory Council on Historic Preservation.
Historic sites:
along the Oregon Trail, historic resource study, 01489
Fort Point Historic Data Section, historic structure report, 01490
historic preservation in San Francisco's inner mission, 07880
historical and archeological data preservation—
hearings, 04112
historical study, 08187
Kansas, act commemorating certain historical events, amend—
law, 02949
report, 02996, 03170
lucky landmark, study of design and its survival, Galveston Customhouse, post office, and courthouse of 1861, 08187
ruins stabilization in southwestern United States, 10334
History:
above ground archaeology, cultural clues to past, 05983
Capitol, pictorial history, 09740
East and West Potomac Parks, historic resource study, 01488
Federal census schedules, 1850-80, primary sources for historical research, 05644
historic resources study (series), 01488-9
historical and archeological data, preservation—
report, 09790
historical base maps series, 05708
historical materials in Herbert Hoover Presidential Library, 10263
historical study, 08187
legal medicine, international bibliography, 11177
manned space flight, 08708
Northeastern Forest Experiment Station, 1923-73, 03396
Smithsonian studies in history and technology, 00632, 01549, 05790-1
spark ignition engines, history and future, 04258
zinc industry, perspectives, 08695
see also Military history.
Hitchhiking:
campers, stop hitchhiking gypsy moths, 00016
Hittman Associates, Inc.:
report HUD-HAI series, 10973-7

HL-10, *see* Aircraft.
HLH (heavy lift helicopter), *see* Helicopters.
Hobbies:
  Hobby protection act—
    law, 04016
  recreation for autistic and emotionally disturbed children, 08133
Hodas, Rosita E.:
  relief, 00088, 00874
Hodgeman County, Kans.:
  soil survey report, 00648
Hodgkin's desease:
  international symposium, proceedings, 03649
Hoffmann, Martin R.:
  nomination—
    hearings, 10755
Hogan, Harry J.:
  nomination—
    hearings, 07562
Hogs, *see* Swine.
Holders:
  electric and electronic bases, holders, and supports, Federal item identification guide, 00261
  electrical and electronic supports and brackets, Federal item identification guide, 05255
  electrical contact brush, Federal item identification guide, 04300
  feline head-holder and body-restrainer for use in chronic visual electrophysiological research, 06823
  for electrical and electronic components, Federal item identification guide, 04282
  laboratory holders and retainers, Federal item identification guide, 03292
  office folders, holders, and accessories, Federal item identification guide, 05256
Holding companies:
  Holding company system regulatory act—
    report, 04069
  taxability of bank holding company dividends received by corporations—
    law, 10575
    report, 06343
  see also Public utilities.
Holland, Robert C.:
  nomination—
    hearing, 05121
Holland, Spessard L.:
  memorial addresses and other tributes, 06312
Holly:
  American, American wood, 03388
Hollywood, Fla.:
  area wage survey, 07941
Holography:
  application as real-time 3-dimensional motion picture camera, 03617
  optical applications for zero-g atmospheric cloud physics laboratory, 11157
  simplified holographic-interferometry techniques for real-time flow visualization and analysis, 08725
  survey, 08717
Holstein cattle, *see* Cattle.
Holston Army Ammunition Plant:
  Kingsport, Tenn., waste source investigations, report, 07775
Holston River:
  waste source investigations, Holston Army Ammunition Plant, Kingsport, Tenn., report, 07775
Holt (U.S.S.):
  loan of vessels, extension, agreement with Korea, Republic, 05843
Homarus, *see* Lobsters.
Home care, *see* Medical care.
Home economics:
  family economics review, 01932
  food makes the difference, ideas for economy-minded families, 05949
  handbook for home, 1973 yearbook of agriculture—
    departmental edition, 04779
    document edition, 05015
  home and garden bulletins, 00009-10, 00720-1, 02815, 03852, 04780, 05940-2, 07114-7
  homemaking around world, 11559
  State instructional materials, list, 03314
Home labor:
  policies, organization, operation and service activities of homebound programs, statement of principles, 01100
Home loans, *see* Loans.
Home rule for cities, *see* Municipal home rule.
Home sanitation, *see* Sanitation.
Home work in industry, *see* Home labor.
Homemaker service, *see* Visiting housekeepers.
Homemaking, *see* Home economics.
Homeowners, *see* Homes.
Homes:
  all electric homes, annual bills, 05362
  ants in home and garden, how to control them, 05940
  architectural processing and inspections for home mortgage insurance, 07884
  be an energy miser in your home, 05444
  child development in home, 07304
  endorsement for insurance for home mortgage programs, 10117
  Federal crime insurance against burglary and robbery losses, 09350
  FHA home property appraisals, questions and answers, 08632, 10123
  FHA insured mortgages—
    area trends, 06612-4
    State trends, 06615
  FHA trends, characteristics of insured mortgages, 02018
  FHA—
    operations under sec. 203, 1970 data for States, 01202
  handbook for home, 1973 yearbook of agriculture—
    departmental edition, 04779
    document edition, 05015
  home energy saving tips from NBS, 11163
  home mortgage insurance fiscal instructions, mortgagees' guide, 10964
  home mortgage insurance for disaster victims, for outlying area properties, etc., 07885
  home mortgage programs, FHA monthly report of operations, 02017
  home treatment of fence posts, 07082
  homeownership opportunities program for low-income families, problems, GAO report, 08606
  how to protect your home aginst robbery—
    Spanish edition, 11547
  mortgage credit analysis for mortgage insurance on 1-4 family properties, HUD handbook, 05453
  mortgage insurance, FHA system, general information, 10108
  one-family, insured by FHA under sec.221(d)(2), trends, 02016
  purchasing home from HUD, 09354
  sec.235, home ownership subsidized programs, analysis, 04190
  should you rent or buy a house? Spanish edition, 04493

584-800 O - 75 - 17

Homes–Con.
underwriting-technical direction for home mortgage insurance handbook, 10116
veterans–
home buying guide, 05902
when you return to storm damaged home, 04498
young children and accidents, 06104
See also Housing.
Homes (institutions):
runaway house, youth-run service project, 08134
see also Nursing homes.
Homicide:
suicide, homicide and alcoholism among American Indians guidelines for help, 01461
Honduras:
economic trends and their implications for United States, 03473
map, 03958
Honey:
market news, monthly report, 02092
Honey bees, *see* Bees.
Hong Kong:
economic trends and their implications for United States, 05488, 09380
foreign trade regulations, 05271
synoptic meteorological observations, 11708
wool and man-made fiber textile products, trade agreement, 05826
Honing machines:
grinding, threading, honing, and buffing machines, Federal item identification guide, 01076
Hood-Clay unit, *see* Central Valley project.
Hoover Institution on War, Revolution, and Peace, Stanford University:
Herbert Hoover memorial education building provide for construction and equipment–
report, 03223
Hoover, Herbert:
memorial educational building provide for construction and equipment for–
report, 03223
Hoover, Herbert, Presidential Library, *see* Herbert Hoover Presidential Library.
Hoover, J. Edgar:
commemorative medal–
report, 04075
congressional eulogies and other tributes, print as Senate document–
report, 08453
memorial tributes, 11405
Hopi Indians:
Navajo and Hopi Indians, joint land partition–
hearings, 08398
partition of surface rights of Navajo-Hopi Indian land–
hearings, 10660
Hops:
foreign agriculture circulars, 02039
stocks of hops, 04750
stocks, statistics, 08856
Horn flies, *see* Flies.
Horns (radio), *see* Antenna horn.
Horse racing, *see* Racing.
Horse show:
new technology to end cruelty at horse shows, 00018
Horses:
equine research, 1972, index, 03853
horse protection act of 1970–
hearings, 07485
temporary suspension of duty–
report, 09783
VEE of horses, disease on the move, 00014
see also Horse show.
Hortense, Ga.:
railroad accident, summary report, 11223
Horticultural products:
specialities, census of agriculture, special reports, 10534
Hose:
anti-chafe hose, 09686
hose, Federal item identification guide, 04284
hose and hose assemblies, Federal item identification guide, 09251
hose, tubing, and hose and tubing assemblies, Federal item identification guide, 00266
pipe and tube fittings, Federal item identification guide, 00265
quick disconnect and self-sealing, Federal item identification guide, 05220
specialities, Federal item identification guide, 06446
Hospital apparatus and supplies:
hospital and medical bags, cases, covers, and pads, Federal item identification guide, 01067
Hospital facilities, Veterans, *see* Veterans hospitals.
Hospital insurance, *see* Hospitalization insurance-Medicare.
Hospital Insurance Trust Fund, *see* Board of Trustees of Federal Hospital Insurance Trust Fund.
Hospital of Paris, American, *see* American Hospital of Paris.
Hospitalization insurance:
hospital insurance, your medicare handbook, 05798, 10423
see also Medicare.
Hospitals:
acute care hospitals, planning and executing capital projects under cost controls, 10799
ambulance services and hospital emergency department, conducting State and community survey, guide, 10103
common data set for hospital management, 04489
cost controls, phase 4 for health industry–
hearings, 05074
county and metropolitan area data book, 04648, 09527
energy crisis effects on health care system–
hearings, 07556
extension of NLRA to nonprofit hospital employees–
report, 08461, 11388
Federal hospital subsistence guide, 01063
general hospitals providing walk-in emergency mental health services, directory, 06956
health insurance for aged, hospital and skilled nursing facility admissions, fiscal year 1972, 11231
hospital merger, 04490
inpatient health facilities as reported from 1971 MFI survey, 10278
inpatient treatment units for emotionally disturbed children, 11686
length of prior hospital stays for extended care facility cases, analysis, 07030
medicare, health insurance for the aged, short-stay hospital utilization, 00635
nonprofit hospitals, coverage under National labor relations act–
hearings, 05167
report, 08461, 11388

Hospitals—Con.
outpatient psychiatric services, 1971-72, statistics, 10295
phase 4, economic stabilization program, effective managerial control of acute care hospitals, 07587
Public Health Service hospital closings, prohibit—
reports, 03167
services for selected chronic disease patients, organization and discharge data, 07874
sharing, centralization, and consolidation of health facility laboratories and related diagnostic services, annotated bibliography, 04488
uniform hospital discharge data, 04492
Hours of labor:
employee compensation and payroll hours, department stores, 06809
employee compensation and payroll hours, heavy construction industry, 07952
flexible hours employment in Government for persons unable to work standard working hours—
hearings, 05173
Government officials and employees, FPM supplement, 01993, 06111
minimum wage and maximum hours standards under Fair labor standards act, 06486
output per man-hour indexes, selected industries, 00526
printing industry, union, 08682
wage and hour compliance series, position-classification standards, Labor Dept., 00801
Housatonic River:
water quality management, basin statement, 11219
House Administration Committee, House:
calendar, 02214
hearings, 04108, 05070, 06304
investigations and studies, authorization and expenses, report, 10624
report, 02970-3, 03005, 03039-44, 03049, 03056, 03069, 03085, 03088-93, 04044-7, 05030, 06231, 09044, 09762, 09764-7, 09772, 10622-30, 10641-7, 10653-4, 10667-71, 11389
House cleaning:
cleaning kitchen ranges, 03872
cleaning metal furniture, 03870
cleaning windows, mirrors, other glass, 03865
cleaning wood furniture, 03866
have sparkling clean kitchen sink, 03871
how to clean and defrost refrigerator, 03874
how to clean bathroom, 03863
how to clean floors, 03868
how to clean rugs and carpets, 03869
how to clean walls, ceilings, woodworks, 03864
make dishwashing easy, 03867
products and tools for cleaning, 03873
House of Representatives:
calendars and history of legislation, 02209
Clerk of House—
report, 05020
semiannual report, 10597
committee organization—
hearings, 00924, 04090, 05056
panel discussions, 00925
committee reform amendments, open business meeting, 07392-3
document, 00116-7, 00849-57, 02957-65, 04035-43, 05012-29, 06209-23, 07368-74, 08350-3, 09013-24, 09739-55, 10594-603, 11356-60
employees whose pay rates are specifically fixed by House resolutions, provide pay comparability adjustments—
report, 03005
exclusion, censure and expulsion cases, 1789-1973, 09009
Guam and Virgin Islands delegates in Congress to make nominations to service academies, authorize—
law, 04020
report, 03022, 03226
majority whip organization, history and operation print as House document—
report, 02973
majority whip organization, history and operation, 00116
Members' clerk hire, advisory opinion, 09121
Members convicted of crime, sense of Congress on actions which should be taken—
report, 03070
procedures, amend—
report, 09776
report—
private bills, 00858-906, 02966, 10604, 11361-79
public bills, 00118, 00907-14, 02967-3099, 04044-79, 05030-40, 06224-58, 07375-84, 08354-75, 09025-44, 09756-98, 10605-76, 11380-9
rules, certain procedures, amend—
report, 08365
secure storage space for, authorize—
law, 04026
report, 03176
Statutory Hall, markers locating desks of nine former Members who became President, authorize—
report, 06231
suspension of rules, authorize Speaker to entertain motions, report, 09029
telephone directory, 09012
veterans' legislation, reported, 93d Congress, summary, report, 10670
House plants, *see* Plants.
House Restaurant, Select Committee on, House:
investigations and studies, authorization and expenses, report, 10653
Household employees, *see* Servants.
Household furnishings, *see* Household goods.
Household goods:
electric housewares and fans, current industrial reports, 11326
handbook for home, 1973 yearbook of agriculture—
departmental edition, 04779
document edition, 05015
household furnishings, Federal item identification guide, 04317
shipping your household goods, 03378
Household management, *see* Home economics.
Households:
and family characteristics, current population report, 06084
dietary levels of households in United States, 1965-66, seasons and year, 11295
family, poverty, and welfare programs, household patterns and Government policies, 06207
food consumption survey, 1965-66 report, 11295
household cleaners, 10921
household expenditures on cars and selected new household durables, 06092
household income deductions, food stamp program, Spanish edition, 00390

Households–Con.
impediments to employment, reanalysis of household interview studies, 10409
income of farm wageworker households, 07105
mover households, census of housing, 00758
number of households by State, estimates, 07270
see also Families.
Houses:
improving residential security, design guide, 08622, 10104
one and two family dwellings, minimum property standards, 06725
one housing unit owner occupied properties, construction report, residential alterations and repairs, expenditures, etc., 04915
price index of new one-family houses sold, current construction reports, 01841
repairs on your house, how to do and how to pay expenses, Spanish edition, 05465
residential alteration and repair, expenditure, etc., construction report, 02868
residential energy consumption–
applicability of analyses to various geographic areas, 10977
multi-family housing data acquisition, 10975
phase I report, 10973
single family housing, final report, 10974
single-family housing, verification of time-response method for heat load calculation, 10976
residential finance, census of housing, publication order form, 03934
revitalizing older houses in Charlestown, 06730
should you buy or rent a house? Spanish edition, 04493
termites, plague and mold, inspect your house against insects and decay, Spanish edition, 08626
three-bedroom frame house, building plan, 10496
wood decay in houses, how to prevent and control it, 07115
See also Homes-Housing.
Housewares, *see* Household goods.
Housing:
act, amend–
law, 02942
act, urban renewal programs authorized by act, operations report, 02541
adequacy of Federal response to housing needs of older Americans–
hearings, 09178
administration's 1973 proposals–
hearings, 06370
air-conditioning military family housing in Hawaii, DOD's requirement is unnecessary, GAO report, 10077
allowances and experimental housing allowance program, GAO report, 08605
authorized by building permits and public contracts, construction reports, 01801
Better communities act, proposed, highlights, 01294
Cairo, Ill., Civil Rights Commission hearing, 10550
care-type housing, minimum, property standards, 06727
census–
block statistics, 04906
components of inventory change, U.S. and regions, 04907
employment profiles of selected low-income areas, errata sheet, 00759
evaluation and research program, 06073-4, 07258, 09708
final reports, residential finance, publication order form, 03934
geographic identification code scheme, 00760
procedural history, 02865
senior citizens, 02964
subject reports, 00048, 00758, 07256
characteristics of new one-family homes, 00766
completions, construction reports, 01802
construction complaints handbook, 05452
construction reports, 08941
consumer home mortgage assistance–
hearings, 09057
cooperatives and condominium housing, census report, 00048
coverage in 1970 census, 06073
current housing market situation–
Chicago, Ill., 10031
Detroit, Mich., 07877
Jackson, Tenn., 07801
Lansing, Mich., 10902
Memphis, Tenn., 07802
Seattle-Everett, Wash., 07878
current reports–
housing characteristics, 01844
housing vacancies, 01844
market absorption of apartments, 01845
definitions, policy statements and general rulings in administering insured mortgage and low-rent housing programs of HUD-FHA, 10115
equal housing opportunity, this is your prospectus and invitation to bid, Park North Village, 03424
equal opportunity, what's it all about?, 03425
Federal housing policy, recommending improvements, message from the President, 00854
FHA rural program operations–
hearings, 04105
financing condominium housing, 05449
funding of assistance programs be kept at level of 1972, sense of Congress–
report, 03234
Highland Heights experiment, final report, 01292
Housing and community development act–
report, 08455
housing and community development legislation, housing in the seventies, hearings, 06282
housing and planning references (periodical), 02138
Housing and urban development act, amend–
law, 02942
proposals, 09059
housing and urban development in Latin America; comparative construction costs in Latin American countries, 05450
housing and urban development laws and authority, temporary extension–
report, 03137
housing and urban development legislation, proposals–
hearings, 01019
housing and urban development legislation–
hearings, 01020
housing and urban development trends, 02139
housing maintenance guide on painting, HUD-assisted, 06716
HUD international information series, 11552

Housing—Con.
HUD-FHA comparison of cooperative and condominium housing, Spanish edition, 03422
HUD-FHA comparison of cooperative and condominium housing, 08630
HUD-FHA non-assisted program for rental housing for moderate income families, 08631
income limit for, below-market interest rate housing and exception limits for 235-6 housing, Guam, 07886-8
income limit for HUD subsidized housing programs, 09358
income limit for rent subsidized housing, 09365-7
legislation, 1973—
hearings, 06280-1
let's consider cooperatives—
Spanish edition, 03423
low cost, trends of 1-family homes insured by FHA under sec.221(d)(2), 02016
low-cost housing and community buildings to better withstand earthquakes and windstorms, design, siting, and construction, 06903
low-rent housing—
administration of program guide, employee benefit programs, 10110
applications, program reservations and preliminary loans handbook, 05460
low-rent public housing—
construction handbook, 11551
construction processing instructions, 10121
financing handbook, 05461-2, 06723
preconstruction handbook, 10965
turnkey handbook, HUD, 03429
turnkey program, 10966
military construction, appropriation, 1974—
hearings, 04085
law, 08339
report, 03079, 04066, 06247
request, 02963
military construction, authorization, 1974—
law, 04992
report, 04065, 04169, 10606
minimum property standards, HUD—
care-type housing, 06727
multifamily housing, 06726, 07803, 10905-6
one and two family dwellings, 06725
one and two living units, 10904
mortgage credit analysis for mortgage insurance on 1-4 family properties, HUD handbook, 05453
multifamily housing, minimum property standards, 06726
multifamily reports and forms catalog, 03428, 10112-3
multistory frame buildings, design of structures to resist effects of atomic weapons, 03922
national goals, annual report, 04036
National housing act, amend—
law, 00100, 06170
report, 10610
new housing authority bonds, schedule of maturities, 11555
new one-family homes sold and for sale—
construction reports, 01804
noise control in multifamily dwellings, airborne, impact, and structureborne guide, 08565
older Americans, facts about incomes and housing, 04495
Operation Breakthrough, final report—
Kalamazoo, Mich., 03431
Macon, Ga., 03432
Operation Breakthrough, site planner's report—
Jersey City, N.J., 10970
Memphis, Tenn., 10971
Saint Louis, Mo., 10972
population and housing inquiries in U.S. decennial censuses, 1790-1970, working paper, 04940
precast modular concrete housing system evaluation of column connections, 09519
price index of new one-family houses sold, current construction reports, 01841
property disposition handbook 1-4 family properties, 01293, 06719, 09360
protecting your housing investment, 04496, 11554
public housing in crisis, National Capital Housing Authority annual report, 03650
purchasing home from HUD, 09354
registry of minority contractors and housing professionals, listing in selected cities, 00451-7, 08633
regular income limits for sec. 235-6 housing, 09361-4
rehabilitation housing, basic instructions, 05455, 11550
rental and cooperative housing for lower income families, 06721, 10118
residential energy consumption—
multi-family housing data acquisition, 10975
phase 1 report, 10973
single family housing, final report, 10974
single-family housing, verification of time-response method for heat load calculation, 10976
rural elderly provisions under major Federal housing programs, subcommittee report, 09183
rural housing program operations—
report, 06250
sec.236, rental housing subsidized programs, analysis, 04190
selected characteristics of population in low-income areas of large cities, 04912
starts, construction reports, 01803
structural characteristics of housing inventory, census of housing, 07256
technical suitability of products program, HUD, 05457
techniques of aided self-help housing, special report, some examples of U.S. and overseas experience, 10978
temporary housing, questions and answers, 05464
Toledo, Ohio, oversight on housing and urban development programs—
hearings, 03246
uniform and full disclosure of certain information with respect to sales—
hearings, 09915
units authorized for demolition in permit-issuing places, 08941
veterans—
home buying guide, 05902
voluntary-area wide affirmative marketing agreements, 04497, 08635
see also Discrimination in housing—Houses.
Housing and Urban Development Department:
annual arrangements—
improving coordination of community development programs, 05446

Housing and Urban Development Dept.—Con.
annual report—
departmental edition, 01286
document edition, 00850
appropriations, 1974—
amendments, proposal, 06209
law, 02954
appropriations, 1975—
hearings, 09811-2, 10681-2
Assistant Secretary, nomination of Gloria E. A. Totte—
hearings, 10759
awards for design excellence, fifth biennial, 01290
care-type housing, 06727
critical path processing system, operation handbook, 06728
definitions, policy statements and general rulings in administering insured mortgage and low-rent housing programs of HUD-FHA, 10115
employee incentives, 07882
extend authority relating to insurance of loans and mortgages—
law, 00100
filing in-house equal employment plans, policy and planning, 06717
film fare, catalog of films and filmstrips produced by HUD, 09352
foreign publications accession list, 01291, 04494
Government National Mortgage Association, financial statement, GAO examination, 10934
homeownership opportunities program for low-income families, problems, GAO report, 08606
housing allowances and experimental housing allowance program, GAO report, 08605
how HUD helps with relocation, Spanish edition, 05447
HUD activities under Uniform relocation assistance and real property acquisition policies act, annual report, 10962
HUD challenge, (periodical), 02142
HUD guide series, 06716, 10109-10
HUD handbook, 01293, 02719, 03427-9, 05451-61, 06717-23, 07881-8, 08627-8, 09355-68, 10111-21, 10964-6, 11550-1
HUD international information series, 11552
HUD training handbook, 06728
HUD-assisted housing maintenance guide on painting, 06716
HUD-FHA comparison of cooperative and condominium housing, Spanish edition, 03422
HUD-FHA comparison of cooperative and condominium housing, 08630
HUD-FHA non-assisted program for rental housing for moderate income families, 08631
HUD-FHA underwriting analysis handbook, 05451
income limits for HUD subsidized housing programs, handbook, 09358
international brief, 06724, 07889
international special supplement, 08629, 09369
marking and safeguarding information designated for official use only, 08627
minimum property standards—
care-type housing, 06726
multifamily housing, 06726
one and two family dwellings, 06725
newsletter, 02143
nondiscrimination in Federally-assisted programs, 10122
organization, Assistant Secretary for HPMC-FHA Commissioner, 10114
organization, objectives, services, 11549
press releases, 02471
public affairs officers, directory, 08624
purchasing home from HUD, 09354
records control handbook, 06718, 07883
report HUD-HAI series, 10973-7
sixth biennial HUD awards for design excellence, 09371
staff bulletin, role, 09357
State laws enacted in 1972 of interest to HUD, 10979
technical suitability of products program, 05457
title 8 field operations handbook, 10111
Under Secretary, nomination of James L. Mitchell—
hearings, 10759
urban intern program fact sheet, 10125
water and sewer programs, appropriations, 1975—
hearings, 09800
Housing insurance, *see* Mortgage insurance.
Housing Production and Mortgage Credit:
Housing Partnerships National Corporation, *see* National Corporation for Housing Partnerships.
Assistant Secretary for HPMC-FHA Commissioner, organization, 10114
Houston Ship Channel:
Galveston Bay, Tex., hydraulic and salinity verification, hydraulic model investigation, 00319
Houston, Norman B.:
nomination—
hearings, 11433
Houston, Tex.:
implementation of transportation controls to alleviate air pollution—
hearings, 10792
intercontinental tower—
air traffic control personnel, physiological responses, 10530
model cities program—
comparative analysis of 2d round planning years, 03430
Hout, Nini A., *see* Vo, Thi Suong.
Hovercraft, *see* Air cushion vehicles.
Hovering:
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
ground-based simulator input data for advanced tandem-rotor helicopters, 08294
Howardsville, Va.:
floods, how to avoid damage, 11463
Howell Creek:
flood plain information, 06503
floods, 06526
Howitzers:
soil stabilization investigation for 155 mm towed howitzer firing pads, 00299
HPMC, *see* Housing Production and Mortgage Credit.
HSMHA, *see* Health Services and Mental Health Administration.
Hubbard Brook Experimental Forest:
soil and water temperatures annual cycles at Hubbard Brook, 00397
Hubs:
helicopter rotor hubs, composite-material, 06012

Hubs–Con.
propeller design procedures and data, 07180
HUD, *see* Housing and Urban Development Department.
Hudson Bay:
basin, surface water supply, 01284
Hudson River and Valley:
Federal-interstate compact for basin, discontinuance of negotiations, 08352
Mohawk-Hudson area survey, report, 01549
Hughes, Royston:
nomination, hearings, 09220
Human body, *see* Anatomy.
Human ecology, *see* Ecology.
Human engineering:
aerospace human factors engineering, USSR study, 01330
Air Force research and development program for improvement of maintenance efficiency, 04801
algorithm of operator activities in process of target classification on radar scope, USSR study, 05523
employee-attitude and office environment analyses for development of human and architectural requirements, 09985
engineering-psychology experiment and its instrumentation, problem, USSR study, 07917
human factors evaluation of submarine escape, 09456
human force and motion-sensing mechanisms, modeling, 00030
in-flight human factors engineering performance of civilian pilots using moving-aircraft and moving-horizon attitude indicators, 07247
Skylab experiments–
living and working in space, information for teachers, 04614
speed of comprehending submarine fire control displays, right/left differences human information processing, 07561, 07959
Human factors engineering, *see* Human engineering.
Human race, *see* Man.
Human resources, *see* Ability.
Human rights, *see* Civil rights.
Human services:
human needs (periodical), 02144
Humanitarianism:
refugee and humanitarian problems in Chile–hearings, 05158
Humboldt County, Calif.:
flood plain information–Van Duzen River, 01122
floods on Van Duzen River, 01133
Humidity:
aluminum oxide humidity sensor, laboratory study, 10272
inlet-air humidity on formation of oxides of nitrogen in gas turbine combustor, effect, 05625
pressure, temperature, humid measure-control instruments, Federal item identification guide, 07618
Hungary:
American national claims, legislation for timely settlement–hearings, 09068
area handbook, 04863
claims agreement, implement–report, 11384
consular rights, agreement, 01570
guide to collection of Hungarian political and military records, 1909-45, 00556
Hunger:
hunger 1973 and press reaction, 04244
nutrition and human needs, national survey–hearings, index, 06403
war on hunger, report, 02739
world hunger, health, and refugee problems–crisis in West Africa, hearings, 05165
you can help fight hunger in America, food stamp handbook for volunteers, 00389
Hungry Horse Reservoir:
northwestern Montana, computer model for determining bank storage, 10949
Hunter Creek:
floods, Roaring Fork River and Castle and Hunter Creeks, Aspen, Colo., 00314
Hunting:
hunters at regulated plant-and-shoot pheasant areas in western Washington, 05400
hunting regulations (series), 00656, 04740
migratory birds, 1973-74, Federal regulations, 00656, 04740
Huntington, W. Va.:
railroad employee accident investigation, report, 08200
Huntsville, Ala.:
area wage survey, 11028
Huron, Lake:
organic contaminants in boundary waters using carbon filter techniques, Lake Huron, Lake Erie, 09594
Hurricanes:
Camille, satellite views, 08735
erosional and dispositional aspects of hurricane Camille in Virginia, 1969, 07861
facilities in areas subject to hurricanes, design criteria, 04868
SPLASH(special program to list amplitudes of surges from hurricanes), general track and variant storm conditions, 10321
Husbands and wives:
birth expectations of American wives, advance data from current population survey, 02876
food for young couple, 00720
retired couple's budgets in Southwest, 04568
wife's earnings as source of family income, 11768
Hybridization:
hybrid microcircuit etching, solution control, 08896
interspecific hybridization of fishes of subfamily Salmoninae, annotated bibliography, 10315
HYDES (hybrid dynamic engine study), *see* Engines (aircraft).
Hydrates:
waste water renovation, freezing and gas hydrate formation, 11725
Hydration:
optimum requirement for dehydration and rehydration of certain freeze-dried fruits and vegetables, 04850
rehydration and cooking parameters on tenderness of freeze-dried raw pork chops, 04844
Hydraulic brakes, *see* Brakes.
Hydraulic cylinders, *see* Cylinders.
Hydraulic engineering:
circular, 09299
hydraulic design of improved inlets for culverts, 09299
Hydraulic mine filling, *see* Tailings.

Hydraulic systems:
Army helicopter hydraulic system reliability and maintainability investigation, 07185
Hydraulic turbines, *see* Turbines.
Hydraulics:
characteristics of streamflow at gaging stations in Loup River basin, Neb., 10941
discharge and flow distribution, Columbia River estuary, 06699
hydraulic and mathematical model investigation, Chesapeake and Delaware Canal enlargement, 05313
hydraulic model investigation–
Beech Fork Lake, Beech Fork River, W.Va., selective withdrawal of water, 01144
cellular-block-lined grade control structure, 03318
fish ladders for Lower Monumental Dam, Snake River, Wash., 09267
fish ladders, modification, Bonneville Dam, Columbia River, Oreg. and Wash., 09268
Houston Ship Channel, Galveston Bay, Tex., hydraulic and salinity verification, 00319
Ice Harbor Dam, Snake River, Wash., 09266
navigation channel improvements, Barnegat, N.J., 10818
south Ellenville flood control project, Rondout Creek basin, New York, 10819
spillway for dam and lock 26, Mississippi River, Mo. and Ill., 05312
wave action and breakwater design, Hamlin Beach Harbor, N.Y., 00320
hydraulic model studies of chute offsets, air slots, and deflectors for high-velocity jets, 03724
hydraulic model studies of–
low-level outlet works, LG-2 development, Quebec, 08826
hydraulic research in United States and Canada, 06911
hydraulic testing accompanying drilling of five exploratory holes, Piceance Creek basin, Colo., 04467
hydraulic tests in hole UAe-2, Amchitka Island, Alaska, 04468
low-flow-rate carbon adsorption equipment and methods for organics sampling of surface waters, field evaluation, 10386
uniform and nonuniform flow in prismatic conduits, computation, staff report, 05357
Hydrazine:
metallic diaphragms for positive fuel expulsion in Atmosphere Explorer hydrazine propulsin subsystem, 08062
simulation of hydrazine-driven emergency power generator, 06489
Hydrides:
electrodeposition of aluminum from ether-hydride solutions, 07221
Hydroacoustics, *see* Sound.
Hydrobiology, *see* Marine biology.
Hydrocarbons:
and related substances, chemical thermodynamic properties, properties of alkane hydrocarbons, C-1 through C-10 in ideal gas state from O to 1500 K, 10180
evaluation of monitoring methods and instrumentation for hydrocarbons and carbon monoxide in stationary sources emissions, 01166
hydrocarbon fuels, determination of autoignition temperatures, 11204
lease bonus bids in Gulf of Mexico, nomograph for estimating offshore petroleum studies, 01373
total hydrocarbon analyzer for evaluating life of charcoal beds, feasibility, 11207
Hydrocyclone, *see* Cyclone coal washer.
Hydrodynamics:
elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
hydrodynamic resistance of semiaquatic mammals, USSR study, 09408
jet airfoil close to flat barrier, streamline flow of ideal liquid, USSR study, 09430
swimming hydrodynamics of fish, USSR study, 09405
see also Magnetohydrodynamics.
Hydroecology, *see* Ecology.
Hydroelectric power plants, *see* Electric power plants.
Hydrogen:
behavior in alpha-iron at lower temperatures, 06895
catalytic activity of rare-earth oxides for oxidation of hydrogen, 05601
hydrocracking of crude shale oil over cobalt molybdate catalyst, some effects of pressure, 07999
hydrogen and other synthetic fuels, 00044
monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage, 09690
removal of sulfur from coal by treatment with hydrogen, effect of operating variables and raw material properties, 04960
trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
vibrationally excited hydrogen halides, bibliography on chemical kinetics of chemiexcitation and energy transfer processes, 10267
Hydrogen chloride:
role of soot in transport of hydrogen chloride from fires, 11210
Hydrogen iodide:
properties of dispersion-strengthened chromium-thoria alloys produced by ball-milling in hydrogen iodide, 09504
Hydrogen peroxides:
properties of dispersion-strengthened chromium-thoria alloys produced by ball milling in hydrogen iodide, 09504
cures filamentous growth in activated sludge, 07760
Hydrogen sulfide:
decomposition in electrical discharge, 03563
low BTU gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
Hydrogen-oxygen:
reliability and effective thermal conductivity of 3 metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
Hydrogeology:
aquifers in Sokoto basin, northweatern Nigeria, with description, 10090
contributions to hydrogeology (series), 06708
geohydrologic reconnaissance and study plan for water resources investigations in Baroda-Broach area, Gujarat, India, 04466
geohydrology and water resources of Tucson basin, Ariz., 08619

Hydrogeology – Con.
hydrogeologic characteristics of valley-fill aquifer in Brighton reach of South Platte River Valley, Colo., 04469
hydrogeology of glacial drift, Mesabi Iron Range, northeastern Minnesota, 06708
Hydrographs:
hydrograph simulation models of Hillsborough and Alafia Rivers, Fla., 01256
Hydrography:
control of pollution from hydrographic modifications, 06539
hydrograph analysis, hydrologic engineering methods for water resources development, 05310
stage-discharge relations affected by changing discharge, dynamic model, 10318
telemetering hydrographic tide gauge, 06987
Hydrology:
contributions to hydrology of Africa and Mediterranean region (series), 08618, 10090
contributions to hydrology of United States (series), 01283
Geological Survey research, 07863
hydrologic aspects of project planning, proceedings of seminar, 11470
hydrologic conditions during 1971 in Dade County, Fla., 01257
hydrologic data for experimental agricultural watersheds in United States, 04788
hydrologic engineering methods for water resources development, hydrograph analysis, 05310
hydrologic reconnaissance of streams and springs in eastern Brooks Range, Alaska, 04470
linear theory of hydrologic systems, 05954
meteorology and hydrology, (USSR periodical), 02294
modern control concepts, 08715
Pine-Popple River basin, hydrology of wild river area, northeastern Wisconsin, 08620, 10091
vegetation and hydrologic phenomena (series), 04473
Hydrolysis:
making fish protein concentrates by enzymatic hydrolysis, 01484
Hydrooptics:
high frame rate underwater camera system, 06050
underwater optical detection systems utilizing photoluminescent targets, analysis, 02857
Hydrostatics:
hydrostatic testing of syntactic foam in mineral oil, 07001
Hydrothermal alterations:
associated with beryllium deposits at Spor Mountain, Utah, 01266
Hydroxyl:
optical measurement of hydroxyl radical profiles in hydrogen-fueled supersonic combustor, 08746
Hyperbaric atmosphere, *see* Atmospheric pressure.
Hyperbaric chambers, *see* Test chambers.
Hypercholesterolemia, *see* Lipid metabolism.
Hyperchylomicronemia, *see* Lipid metabolism.
Hyperglyceridemia, *see* Lipid metabolism.
Hyperia:
families and genera of hyperiidea (Crustacea, Amphipoda), 08205
Hyperlipoproteinemia, *see* Lipid metabolism.
Hypersonic aircraft, *see* Aircraft.
Hypersonic flow, *see* Flow.
Hypersonic speed, *see* Air speed.
Hypertension, *see* Blood pressure.
Hypertension Information and Education Advisory Committee:
national high blood pressure education program, report, 05668, 06937-40
Hypervelocity impact, *see* Impact.
Hypnotics and sedatives:
fact sheets, 05276
Hypochlorination unit:
hypochlorination of polluted stormwater pumpage at New Orleans, 06568
hypolimnion aeration with commercial oxygen, bubble plume gas transfer, 09996
Hypolomnia:
project Hypo, intensive study of Lake Erie central basin hypolimnion and related surface water phenomena, 00353
Hypothermia:
medical aspects of hypothermia due to cold water immersion, 07964
Hypsometers:
investigation of errors introduced into meteorological calculations through use of hypsometric equation, 03902

I

ICC, *see* Interstate Commerce Commission.
Ice:
adhesion of ice frozen from dilute electrolyte solutions, 09981
artificial sea and salt ice, laboratory preparation, 08537
conditions, weather and crop bulletin (periodical), 02785
culvert icing problems, laboratory study, application of electrical energy, 09982
forces generated in ice boom structures, 07678
ice and thermal regime of reservoir in 1st operating years of Krasnoyarsk ges, USSR study, 03525
ice protection investigation for advanced rotary-wing aircraft, 04876
tensile strength under triaxial stresses, 07673
see also Dry ice – Sea ice.
Ice breakers:
icebreaking by tow on Mississippi River, 05299
Ice coring rigs:
glaciological ice coring investigations during 1973, Isua, Greenland, 07676
Ice cream, ices, etc.:
factors affecting melt down of soft serve imitation ice milk, investigation, 04832
Ice Harbor Dam, Snake River, Wash.:
Hydraulic model investigations, 09266
Icebergs:
glaciological investigations during 1973, Isua, Greenland, 07676
Icebreaking, *see* Ice breakers.
Iceland:
aviation, joint financing of certain air navigation services, agreements with other governments, 05833
economic trends and their implications for United States, 04537
map, 00072
Icing resistance:
culvert icing problems, laboratory study, application of electrical energy, 09982
ICNAF, *see* International Commission for Northwest Atlantic Fisheries.
ICRC, *see* International Committee of the Red Cross.

IDA, *see* International Development Association.
Idaho:
admission act, amend–
hearings, 08491
barriers to health care for older Americans–
hearings, 06355
census portrait, 08913
climatological data, 01731
counties, population estimates, 06087
electric rate book, 01208
income limit for rent supplement housing, 09365
magnitude and frequency of floods in small drainage basins–
design method, 05431
Idaho, 03414
northern, lumber yield from western white pine, 03401
pollution of Bear River, 11748
precipitation data, hourly, 02102
registry of minority contractors and housing professionals, listing in selected cities, 00457
regular income limits for sec. 235-6 housing, 09361
resource conservation and development project, short term plan, 10425
water supply outlook and snow surveys, 02745
Wood River resource area council of governments, resource conservation and development project plan, 08849
Idaho Falls, Idaho:
geothermal resources hearings, 05147
Idaho Primitive Area:
mineral resources, 05417
Ideas:
concept, algorithm, decision, USSR study, 00496
ideas, plans, methods, or systems, copyright, general information, 00248
Identification:
aircraft and related products, Federal aviation regulations, 01943, 10012
considerations in identification of potential managerial talent, 08959
fingerprint identification series, position classification standard, 04957
identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
identifying and evaluating nature and extent of nonpoint sources of pollutants, methods, 03325
item identification, Federal manual for supply cataloging, 07590-1
multiparameter oil pollution source identification system, 04372
nontariff barriers to trade, need for better identification and analysis, GAO report, 06689
pollutant identification research highlights, 02438
virulence genes in agents of brown and yellow wheat rusts, USSR study, 05516
Ideology:
USA, economics, politics, ideology (periodical), 02720
IDOE, *see* International Decade of Ocean Exploration.
IFR, *see* Instrument flight rules.
IFYGL, *see* International Field Year for Great Lakes IFYGL bulletin.
Igneous rocks:
Portage Lake Volcanics (middle Keweenawan) on Isle Royale, Mich., 05433
Ignition:
autoignition temperatures of hydrocarbon fuels, determination, 11204
fluoric sounding rocket motor ignition, 11091
ignition studies, 11204
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
spark ignition engines, history and future, 04258
IHS, *see* Indian Health Service.
IJC, *see* International Joint Commission, United States and Canada.
Illinois:
census of population, 1970, characteristics of population, 00050
census portrait, 08313
climatological data, 01732
local rail service zone, Secretary of Transportation report, 04756
precipitation data, hourly, 02103
registry of minority contractors and housing professionals, listing in selected cities, 00454
Illinois Central Gulf Railroad Co.:
railroad employee accident investigation report, 07024
Illinois River:
general information, 03399
water quality, measures for improving, 09592
Illiteracy:
literacy among youths 12-17 years, United States, 06930
Illness, *see* Diseases–Sick.
Illumination, *see* Lights and lighting.
Illustrations, *see* Prints.
Image interpreters:
image interpretation equipment catalog, 04695
Image sensors, *see* Sensors.
Image-motion compensation :
single-axis dual-level precision pointing system, laboratory simulation, 03602
Imagery:
environmental satellite imagery, 02202
geologic structure analysis using radar imagery of coal mining area of Buchanan County, Va., 08005
using ERTS multispectral imagery, current measurements in Salton Sea, 04719
Images:
peripheral visual response time to colored stimuli imaged on horizontal meridian, 09498
precision measurement and calibration, image optics, 08099
ultrasonic imaging of cylindrical explosive loads, 05736
IMCO, *see* Inter-Governmental Maritime Consultative Organization.
IMF, *see* International Monetary Fund.
Imitation:
marking requirements for imitation political and numismatic items manufactured or imported into U.S.–
law, 04016
Immersion:
corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
medical aspects of cold water immersion, 07964
Immigrants, *see* Immigration and emigration.

Immigration and emigration:
alien child adopted by unmarried citizen, grant same immigrant status as one adopted by citizen and his spouse, report, 02989
immigrants and American labor market, 07956
Immigration and nationality act—
amend, report, 02988, 03007
legislative oversight, hearings, 08417
immigration and naturalization, investigations and studies, authorization and expenses, report, 09900
immigration of scientists and engineers drops sharply in fiscal year 1973, 11196
Immigration and Naturalization Service:
annual report, 05466
I & N reporter, 02145
interim decisions, 02165
passenger travel between U.S. and foreign countries, 03434, 09372
regional office operations—
hearings, 00934, 04106, 07411
Immunity:
constitutional immunity of Members of Congress, legislative role of Congress in gathering and disclosing information—
hearings, 05002
modify individuals in order to minimize risk of cancer development, national cancer program, 04642
prevent transformation of normal cells to cells capable of forming cancers, national cancer program, 04643
Immunity (legal) *see* Privileges and immunities
Immunobiology:
human immunoglobulins and their role in infectious pathology (survey), USSR study, 04547
Immunology:
comparative immunology of oral cavity, 06952
research, introduction, 00575
Impact:
characteristics of capacitor-type micrometeoroid flux detectors when impacted with simulated micrometeoroids, 06867
correlation of new hypervelocity impact data by threshold penetration relations, 01405
factors affecting miniature Izod and Charpy impact strength of tungsten-fiber-metal-matrix composites, 06874
impact testing of materials using 8-inch air gun and computer reduction of data, 09696
impacts of transportation control strategies on Los Angeles air quality, 00329
population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas, USSR study, 05521
removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
Impact loads (hydrodynamic), *see* Load (mechanics).
Impeachment:
adverse effects of impeachment on political and economic conditions (address), 08963
impeachment of Richard M. Nixon, Judiciary Committee investigatory powers, authorize, report, 09033
impeachment of the President—
constitutional grounds, 07433
selected materials, constitutional provisions, impeachable offenses, etc., 00940
selected materials, House committee print, print as House documents, 03090, 03202, 08451
inquiry, its meaning, 08420
inquiry, procedures for handling material, 08421
committee print, print additional copies, report, 10667
inquiry, work of staff, 08422-3
committee print, print additional copies, report, 10668-9
law of impeachment—
concept of impeachable offense, 10156
history of provisions of Constitution on impeachment, 10157
legal aspects of impeachment, overview—
historical statements on executive privilege and impeachment, 10159
judicial review of impeachment convictions, 10160
study, 10158
Presidential impeachment, analysis of constitutional standard, 05755-6
Presidential impeachment, investigation, statement of information—
hearings, 09098-9, 09845-6
Presidential impeachment, statement of information submitted on President Nixon's behalf, hearings, 09090, 09092, 09095, 09097
Impedance:
ELF electrical fields and potentials, biological hazards from exposure, 05731
Imperial National Wildlife Refuge:
addition to National Wilderness Preservation System, proposal, 06221
Imperial Valley, Calif.:
final environmental statement for geothermal leasing program, statements, comments, and responses, 04504
Impingement:
crossflow effects on impingement cooling of turbine vane, 08724
impingement cooled turbine vane, pressure loss and flow coefficients, 10226
Implants:
implanting monopolar cortical electrodes in large laboratory animals, modified methods, 07957
Import Bank of United States, Export, *see* Export-Import Bank of United States.
Imports:
airborne, foreign trade reports, 02701
birds imported into the U.S. in 1971, 05813
commercial import detentions, monthly report, 01788
foreign trade reports, 02693-4, 02698, 02702
Rhodesian chrome, prohibit—
hearings, 00219
steel import data by TSUSA number, country by category, 05778
steel shipments from exporting countries by category by TSUSA number and type of steel, 11222
U.S. commodities related to output, 08317
U.S. deports imports that pollute (poster), 06595
waterborne foreign trade reports, 00779, 02700
world oil development and oil import policies, Tariff Commission report, 08254
see also Tariff.
Impounded funds, *see* Funds.
Impounded water, *see* Water.
Imprints (in books):
non-GPO imprints received in Library of Congress in 1972, selective checklist, 01364
Impulse transfer orbits, *see* Orbits.
Impurities (technology), *see* Contamination.

Inauguration of the President, *see* President of United States.
Incense-cedar, *see* Cedar.
Incentive awards, *see* Rewards (prizes, etc.).
Incentive payments:
flight incentive pay for aviation crewmember duties–
hearings, 06275
report, 10618
Incentives in industry:
work incentives and public welfare, theory and practice, studies in public welfare, 09010
Incineration:
sources, field surveillance and enforcement guide, 05961
Incinerators:
design for military projects, 03914
municipal incinerator fuel, waste automotive lubricating oil, 04374
sludge incineration and fuel conservation, 09290
Income:
computing your tax under income averaging method, 04510
consumer income, series, 06091, 10543
education and income in black community (remarks), 03364
farm income situation, 06475
farm income supplement, phase out program–hearings, 00915
guaranteed minimum income, what should be role of Federal Government in providing for all Americans, 00179
household income deductions, food stamp program, Spanish edition, 00390
how income supplements can affect work behavior, 06208
HUD-FHA non-assisted program for rental housing for moderate income families, 08631
income limits for rent supplement housing, 09365-7
income of farm wageworker households, 07105
introducing supplemental security income, 05794
limits for below market interest rate housing and exception limits for sec. 235-6 housing–
Guam, 07886
Vermont, 07887-8
limits for HUD subsidized housing programs, 09358
low-income areas in large cities, census of population, 00057
low-income population, characteristics, 10543
median family money income for 1969, by counties (map), 07288
money income in 1972 of families and persons in U.S., 06091
money income size distributions for families and unrelated individuals, illustrative projections, 07267
mortgage insurance for lower income families, basic instructions, 05455, 11550
older Americans, facts about incomes and housing, 04495
per capita money income, 1969, by counties (map), 07289
regular income limits for sec. 235-6 housing, 09361-4
rental and cooperative housing for lower income families, 06721, 10118
service annuitants, 1972 calendar year, survey, 00156
statistics of income–
business income tax returns, 03456
foreign income and taxes corporation income tax returns, 04519
individual tax returns, 05478
personal wealth estimated from estate tax returns, 03455
supplemental security income–
for aged, comparison of 5 countries, 05795
pocket guide, 10417
program, impact on current benefits and unresolved issues, 05011
taxable income and nontaxable income, 06744
wife's earnings as source of family income, 11768
Income tax:
adjustments to income for sick pay, tax information, 04505
Armed Forces, Federal tax information, 1973 returns, 06792
certification required to obtain reduced rates, under income tax treaties, 04508
collection process, income tax accounts, 10137
community property and Federal income tax, 03444
computing your tax under income averaging method, 04510
condemnations of private property for public use, 03445
corporations and Federal income tax, 07893
deductions–
child care and disabled dependent care, 04509
for contributions, 04512
for medical and dental expenses, 04511
for taxes, 03449
interest expense, 03448
organizations, contributions to which are deductible, list, supplements, 01832
repairs, replacements, and improvements, 03461
Farmers' Federal, inspection of returns by Agriculture Dept.–
report, 03057
farmers' income tax returns, inspection by Department of Agriculture permitted by Executive orders–
hearings, 00933
foreign income and persons, summary of Administration recommendations on taxation, 07496
foreign income and taxes, corporation income tax returns, 04519
guide for U.S. citizens abroad, 11557
highlights of 1973 changes in tax law, 06737
index-digest system, internal revenue bulletin, 06734-6, 10134-6
individual income tax reductions, tables, etc., 07489
information on preparing your tax return, 03450-1
installment and deferred-payment sales, 05473
internal revenue bulletin, cumulative index-digest system, 01683
IRS looseleaf regulations system, 02259
looseleaf regulations system service series, 06738-41, 07895, 10138
older Americans, protect against overpayment, checklist of itemized deductions, 07463
older Americans, tax benefits, 04520
package X, informational copies of Federal income tax forms for 1973, 03452
personal wealth estimated from estate tax returns, 03455

Income tax–Con.
political contributions, tax deductions and tax credit, 09373
President Nixon's tax returns for 1969-72,examination–
report, 07381, 09163
recordkeeping for small business, 03453
recordkeeping requirements and guide to tax publications, 05475
rental income and royalty income, 05476
retirement income credit, 04517
return statistics–
business, 03456
corporations, 04519
fiduciary, 07896
individual, 05478
sale or other disposition of business or business interest, tax information, 03454
sales and other dispositions of assets, 04518
tax guide for U.S. citizens employed in U.S. possessions, 07897
tax information for–
Government civilian employees stationed abroad, 03459
mutual fund distribution, 05484
students and parents, 05479
visitors to United States, 04522
tax information on–
accounting periods and methods, 05480
American scholars in U.S. and abroad, 07898
amortization of pollution control facilities, 05471
civil service and disability retirement, 03462
deduction for bad debts, 06742
disasters, casualty losses, and thefts, 05482
educational expenses, 06743
foreign scholars, educational and cultural exchange visitors, 05472
interest equalization tax, 07894
losses from operating business, 05474
moving expenses, 05483
partnership income and losses, 05485
pensions and annuities, 03460
self-employment tax, 04514
sponsors of contests and sporting events, 03458
United States savings bonds, 04523
tax-sheltered annuity plans for employees of public schools and certain tax-exempt organizations, 03463
tax treatment of members of Armed Forces and civilian employees who are prisoners of war or missing in action, and amendments, 05098
tax treatment of survivor benefit plans of uniformed services–
report, 03153
tax withholding and declaration of estimated tax, 04524
taxable income and nontaxable income, 06744
teaching taxes program, understanding taxes, 04525-6
tips, reporting for Federal tax purposes, 04516
understanding taxes program, teacher's guide, 05486
United States tax guide for aliens, 03464
valuation of donated property, 06745
withholding Federal employees' taxes under city ordinances–
hearings, 08425
withholding taxes from your employee's wages, 04527
workbook for determining your disaster loss, 03465
your exemptions and exemptions for dependents, 04528
your Federal income tax, 04529
Incompressible flow, *see* Flow.
Incubators:
improved incubator for salmonids and results of preliminary tests of its use, 05699
Indebtedness, *see* Debt.
Indemnity:
Price-Anderson provisions of Atomic energy act, indemnity and insurance legislation, selected materials, 07244
Independence (SS):
foreign sale, authorize–
report, 10648
Independence National Historical Park:
addition of property in Philadelphia, Pa.–
report, 06328
Independence, Iowa:
floods on Wapsipinicon River and Malone Creek, 00310
Index cards:
Federal standards, cancellation, 05376
Index digests:
Federal Communications Commission, decisions and reports, v. 25-45, 1st series, 06605
index digest system, internal revenue bulletin, 06734, 10134-6–
cumulative, 01683, 03442-3
Interior Department unpublished decisions, 1943-54 cumulative, 10435
Indexes:
agricultural production–
Africa and Near East 1963-72, 04339
Western Hemisphere excluding United States and Cuba, 00292
AMC publications and blank forms, 00735
coastal upwelling indices, west coast of North America, 1946-71, 05704
code of Federal regulations, 00372-3
coding index for tumor scanning, 02855
commanders digest, 07592
conceptual problems in developing index of health, 11170
congressional record, daily, 01797
Defense Department specifications and standards–
index, 03293
supplements, 01871
Department of State indexes of living costs abroad and living quarters allowances, 02692
diabetes literature, 01452, 01879
document retrieval index (DRI), 00516, 04555-6, 07938
endocrinology index, 01909
energy research and development, inventory, 09112
equine research, 03853
farm real estate values per acre, 1971-72, market developments, 05283
Federal advisory committees, report of President to Congress, 07509
Federal item directory for supply cataloging–
alphabetic index of names, 01967
numeric index of names, 01968
Federal manual for supply cataloging, alphabetic index, 05198
Federal register, 01999
Federal specifications and standards, 02150, 07815
Federal supply classification–
alphabetic index, supplements, 02005
numeric index of classes, 02004

Indexes–Con.
fiche index for nuclear dockets, 02852-3, 06039-40, 07229-31, 08303-5, 09698
flood damage prevention, 09645
foreign market reports, index, 02151
gas cooled reactor technology, 06053, 10521, 10523
Government reports, index, annual cumulations, 05716
Government reports, 02067
HUD insurances, classification numbers and indexes, 09356
index medicus–
abridged, 01593
cumulated, 08780, 09543
journals indexed, list, 11689
index of dermatology, monthly guide to literature in clinical dermatology, etc., 02149
index to hazardous materials regulations, title 49, Code of Federal regulations, 05881
legislative history of Crime control act of 1973, 05546
lunar photography index maps of Apollo mission, 00539
Manpower Administration publications, 00533
materials, parts, and appliances certified under technical standard order system, 03333
medical and veterinary zoology index catalogues, parasite-subject catalogue, 00712
military periodicals, Air University Library, 01626
National Labor Relations Board, decisions and related court decisions, classified index, 04673, 08139
National Oceanographic Instrumentation Center, fact sheet, 09557
nuclear science abstracts, 02390, 11311
nutrition and human needs, national survey, hearings, 06403
patents, 1972–
list of patentees, 05754
subjects of inventions, 08815
President's papers–
Garfield, James A., 05562
Wilson, Woodrow, 05563
production, censuses of manufactures and mineral industries, 06078
Rehabilitation Services Administration, quarterly indices, 02537
research in education (periodical), 10290
scientific and technical aerospace reports, semiannual indexes, 02570
sea grant newsletter, index, 00589
soft X-ray emission spectra of metallic solids, 09515
SRS research information system, 11230
stability of geographic index of health maintenance organizations, analysis, 11767
standard instrument approach procedures, FAA regulations, 10505-6
subject matter index to forest soils bibliography for North-Central region, 04431
technical index of interactive information systems, 08760
India:
accessions list–
American Libraries Book Procurement Center, New Delhi, cumulative list of serials, annual supplement, 04572
Library of Congress American Libraries Book Procurement Center, New Delhi, 01597
Ambassador, nomination of Daniel P. Moynihan, hearings, 09209
background notes, 08229
economic trends and their implications for United States, 06747
map, 04943
political trends–
hearings, 06298
rupee settlement agreement–
hearings, 08390
selling in India–
dealing with private sector, 05274
Government procurement procedures, 05272
United States exchange of scientists, 09568–
information for Indian visitors to United States, 09567
Indian Affairs Bureau:
annual credit report, 03435
assistance program, handbook, 07310
Commissioner, nomination of Morris Thompson–
hearings, 07527
Planning Support Group, Billings, Mont., reports, 00460-1, 04502
press releases, 02472
Indian Claims Commission:
annual report, 05467
appropriations, 1974–
hearing, 04220
law, 02944
report, 03006
waiving points of order, report, 02968
appropriations, 1975–
hearings, 09803, 10775
providing for distribution of funds appropriated in satisfaction of certain judgments, law, 02953
Indian Health Service:
community health medic program, progress report, 10126
recruitment problems–
hearings, 07526
Research and Development Office, structure and functions, 10127
Indian lands:
Spokane Reservation, hold in trust–
law, 10581
Indian Ocean:
means of measuring naval power with special reference to U.S. and Soviet activities in Indian Ocean, 09831
North Indian tropical cyclone, strike probabilities, 24-72 hour movement, 05725
South Asia and strategic Indian Ocean, bibliographic survey of literature, 04860
South Indian tropical cyclone–
strike probabilities, 24-72 hour movement, 05726
vector mean charts, 05727
tide tables, 00588
Indian Opportunity, National Council on, *see* National Council on Indian Opportunity.
Indian Point Station:
Consolidated Edison Company, fiche index for nuclear dockets, 02852
unit 1, Consolidated Edison Co., fiche index for nuclear dockets, 07229
Indian Policy Review Commission, American, *see* American Indian Policy Review Commission.
Indian reservations:
housing authorities, schedule of maturities for new bonds, 11555
resident Indian population and labor force status, by State and reservation, March, 1973, estimates, 00459
under Federal jurisdiction, map, 03437

Indian reservations–Con.
Zuni Indian Reservation, its resources and development potential, 04502
see also Standing Rock Reservation.
Indian River County, Fla.:
promotion a. 1 advertising of Indian River grapefruit under marketing orders–
amend, law, 06186
hearings, 07385
Indian Rock Lake, Ind.:
for the fun of it and then some, 07124
Indian schools:
Indian education, steps to progress in 70's, 03436
Indian self-determination and education program, 01031
Indian Trust Counsel Authority:
establish–
hearings, 04222, 08400
Indian Wells Valley, Calif.:
mathematical ground-water model, 07855
Indiana:
census of population, characteristics of population, 04909
census portrait, 08314
climatological data, 01733
effects of thinning on young shortleaf pine plantations in Indiana, 06661
electric rate book, 01209
local rail service zone, Secretary of Transportation report, 04756
precipitation data, hourly, 02104
registry of minority contractors and housing professionals, listing in selected cities, 00454
Indiana and Michigan Electric Company:
fiche index for nuclear dockets, 09698
Indianapolis, Ind.:
model cities program, comparative analysis of 2d round planning years, 03430
Indians:
American Indians–
health, regional task force report, 04577
in films, 04501
preparation for health career advancement GFD testing, high school equivalency diploma, 07982
students pursuing professional health careers, directory, 10096
tribes, culture and location, map, 03437
civil rights issues in Oklahoma, report of Oklahoma State Advisory Committee, 06106
code of Federal regulations, 10911
constitutional rights, revise and republish certain documents–
law, 10573
report, 10638
dental services for American Indians and Alaska natives, 05468
financing economic development of Indians and Indian organizations–
law, 11353
health services to progress and problems, GAO report, 07842
health trends and services, 07891
Indian education, steps to progress in 70's, 03436
Indian financing act–
hearings, 07415
Indian judgment funds distribution act–
hearing, 04221
Indian leader (Haskell Indian Junior College periodical), 02152
Indian School journal (periodical), 02153
Indian tribes, Alaskan native villages, allocation listing by county, entitlement period 4, 04760
individuals marketing native American arts and crafts,, 00473
Land use planning act–
report, 09763
National Indian goals and progress act–
hearings, 00227
organizations marketing native American arts and crafts, 00472
President Nixon sets new Indian policies and goals, message to Congress on American Indians, July 8, 1970, 01297
resident Indian population and labor force status, by State and reservation, March, 1973, estimates, 00459
self-determination and education program–
hearings, 01031
report, 08459
suicide, homicide and alcoholism among American Indians, guidelines for help, 01461
your right to Indian welfare, BIA general assistance program, handbook, 07310
Indicators:
general, Federal item identification guide, 00267
indicating levels, Federal item identification guide, 04322
social and health indicators system–
Atlanta, 08939
Mound Bayou, Miss., 09711
Phoenix, 08938
Individuality:
individual child, caring for children, 02889
psychic states of man in individual and group activity, complex investigation, USSR study, 01336
Indochina:
appropriations, 1974 postwar reconstruction assistance, hearings, 03102
relief and rehabilitation of war victims–
hearings, 05159-60
one year after ceasefire, 07546
Indonesia:
accessions list, Library of Congress, Djakarta, 01598, 11030
economic trends and their implications for United States, 03477
selling in Indonesia, 04334
Induced reaction:
lightning-induced voltages in aircraft electrical circuits, 08028
Inducers:
three bladed rocket pump inducer, investigations of 3 dimensional flow characteristics, 03579
Induction heating, *see* Heating.
Industrial agreements:
characteristics of agreements covering 1,000 workers or more, 03539
Industrial arbitration:
arbitration board to settle disputes for postal supervisors, establish–
hearings, 04137
see also Collective bargaining.
Industrial capacity:
capacity utilization for major materials, 10914
capacity utilization in manufacturing, quarterly averages, seasonally adjusted, 01702
major materials industries, capacity utilization, 01220

Industrial College of Armed Forces:
National Security Seminar–
background readings
presentation outlines, 05503
perspectives in defense management, 02430
Industrial defense, *see* Civilian defense.
Industrial designs, *see* Designs (industrial).
Industrial diamonds, *see* Diamonds.
Industrial engineering:
economy in design operations, USSR study, 11017
engineering evaluation of virus hazard in water, 09318
weekly Government abstracts, 02772
Industrial furnaces, *see* Furnaces.
Industrial health, *see* Health.
Industrial home work, *see* Home labor.
Industrial machinery, *see* Machinery.
Industrial pensions, *see* Pensions.
Industrial plants, *see* Plants (industrial).
Industrial production, *see* Production.
Industrial property, *see* Patents.
Industrial relations:
extension of NLRA to nonprofit hospital employees–
report, 11388
Federal labor relations programs, 06108
Federal labor-management consultant (periodical), 01970
Hawaii public employment relations act, case study, GAO report, 05411
joint labor management trust funds for legal services–
authorize, law, 00105
legislative history, 09949
Labor management relations act–
amend, law, 00105
legislation history, 07560
rules of NLRB, 02561
labor-management relations program provisions and technical guidance, 01985
Labor-management reporting and disclosure act, rights and responsibilities, 00518
National labor relations act–
court decisions, 10304
coverage of nonprofit hospitals–
hearings, 05167
report, 08461
postal labor-management procedures, amend–
hearings, 07443
provisions of Merchant marine act to develop balanced fleet and improved labor-management relations in shipbuilding (remarks), 06815
public sector labor relations information exchange publications, 06796
role of N.L.R.B. in settling industrial disputes (remarks), 03664
your government conducts an election, for you, on the job, 05689
Industrial safety, *see* Collective bargaining-Safety of life.
Industrial security:
industrial security manual for safeguarding classified information, 08526
Industrial wastes:
chemical/physical and biological treatment of wool processing wastes, 07758
ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
in-process pollution abatement, mental-finishing facilities, 08868
industrial wastewaters, Red River Army Depot, Texarkana, Tex., 09271
literature, review, 11741
modular wastewater treatment system demonstration for textile maintenance industry, 10842
monitoring industrial wastewater, handbook, 03799
pilot plant study, Great Western Sugar Company beet sugar refinery, Brighton, Colo., 11728
pollutional effects of pulp and paper mill wastes in Puget Sound, 10057
steam-cured bricks from industrial mineral wastes, 11057
upgrading metal-finishing facilities to reduce pollution, 08868
waste source investigations, Holston Army Ammunition Plant, Kingsport, Tenn., report, 07775
wastewater treatment agencies user charges and industrial cost recovery, Denver SMSA, 10880
waterborne wastes of paint and inorganic pigments industries, 10846
Industry:
atmospheric emissions from asphalt industry, 06562
barriers to innovation in industry, opportunities for public policy changes, 10336
BLS pilot survey of training in industry, 09440
current industrial reports, 00060-8, 00767-73, 01846-7, 02871-5, 03945-8, 04916-24, 06081, 07261-6, 10540-1, 11317-29
developing reliable data on training in industry, 09441
domestic business and industry, selected publications to aid, list, 03305
economic and industrial affairs, Eastern Europe, translations, 02663
electronics industry production and test equipment, export opportunities, global market survey, 10148
emission study of industrial sources of lead air pollutants, 00025
ENTERPRISE standard industrial classification manual, 11590
forest industries–
Alabama forest, trends and prospects, 06672
Loudon-Roane County unit, east Tennesssee, forest inventory statistics, 07081
Mississippi timber output, plant byproducts, 06673
Mississippi timber resources, midcycle evaluation, 06674
Oklahoma timber output, plant byproducts, 06675
primary wood-product industries of southern New England, 05409
southern pulpwood production, 06671
industrial development in TVA area, 10471
industrial fishery products, 03665
industrial outlook, 1974, with projections, 00814
Industrial reorganization act–
hearings, 10779
industrial reorganization by outlawing monopolies and oligopolies for establishing competition–
hearings, 08498
industrial research and development approaches †20 billion in 1972, 05715
industrial reuse of renovated municipal wastewater, pilot-demonstration project, 00338
industry report, 01807, 01818, 02497, 02513

Industry–Con.
industry/business emergency planning seminars, 04267
industry's vital stake in energy management, 10556
keeping abreast of air carrier industry (address), 10063
light industries, energy conservation handbook, 07324
major materials industries, capacity utilization, 01220, 10914
mineral industries 1973, technologic and related trends, 11045
Mohawk-Hudson area survey, report, 01549
national survey of professional, administrative, technical, and clerical pay, 06807
nuclear industry, 1973, report, 07240
occupational injuries and illnesses by industry, July 1-Dec. 31, 1971, 06803
paint and inorganic pigments industries, waterborne wastes, 10846
productivity in pharmaceutical industry, 09443
profiles, annual survey of manufactures, 00757
research and development, 1971 funds, scientists and engineers, 03681
selling industry, for sheltered workshops, 01540
small business investment companies, SBIC industry review, 10405
USSR industrial affairs, translations, 02676
wage survey–
crude petroleum and natural gas production, 06802
directory, 11585
water requirements from Dry Creek, Russian River basin, Calif., 11731
what's your game plan for disasters? industry/business emergency planning course, enrollment information, 09246
zinc, historical perspective, 08695
Inertia:
inertia properties, effect on attitude stability of nonrigid spin-stabilized spacecraft, 10239
inertial instruments, USSR study, 08657
inertial sizing devices, field measurements of particle size distribution, 03321
Inertia, Moments of, *see* Moments of inertia.
Inertial guidance:
compensation based on linearized analysis for six-degree-of-freedom motion simulator, 05617
flight results from study of aided inertial navigation applied to landing operations, 03600
liquid nitrogen fuel tank inerting system in FAA DC-9 aircraft, service experience, 10927
mechanization equations for aided inertial navigation systems, 04610
navigation and inertial guidance, USSR study, 07918
Inertial navigation, *see* Inertial guidance.
Inertial systems, *see* Inertial guidance.
Infant feeding, *see* Infants.
Infants:
cerebral palsy, mental retardation and other neurological and sensory disorders, collaborative study, bibliography, 06961
maternal, fetal, and infant nutrition, 1973–
consequences of malnutrition, hearings, 01048
governmental responses, hearings, 00239
WIC program oversight, hearings, 06404
mortality study from linked records by age of mother, total-birth order and other variables, 01430
research planning workshops on sudden infant death syndrome, neurophysiological factors, 06950
so you're going to be new father?, 07305
sudden infant death syndrome–
Federal assistance for information and education programs, report, 09032
hearings, 07563, 08409
research activities, provide, report, 06340
research planning workshop–
cardio-respiratory phenomena, 09535
developmental aspects of infection and immunity, 11684
WIC, women, infant, and children feeding program–
maternal, fetal, and infant nutrition, 1973, hearings, 06404
nutritional intervention through supplemental feeding, 06406
Infection:
national nosocomial infections study, 02345
primary distribution of microbial aerosols in respiratory system as function of infecting dose, USSR study, 06775
Infectious anemia, *see* Anemia.
Infectious diseases, *see* Contagion and contagious diseases.
Infiltration, *see* Water.
Infinite series:
definition of measure, 04703
Inflammable materials:
flammability, odor and offgassing requirements and test procedures for materials in environments that support combustion, 11084
radiant panel test for flooring materials, development, 08754
Inflation (finance):
American economy and you (address), 00081
conference on inflation, transcript, 11217
cost of living, causes for high prices, etc.–
hearings, 05003
on prices and wages and running amok, readings, 05193
inflation and consumer in 1973, study, 05009
inflation and economic welfare, implications for monetary policy (remarks), 10047
inflationary pressures in America (remarks), 01223
international problems of inflation, world trade, and energy (address), 03971
phase 4, President's economic program, hearings, 04194
energy crisis, inflation and investment (remarks), 06631
realities of our political economy (statement), 08328
reduce serious inflationary impact of abnormal foreign demands for scare materials–
report, 11411
shortages, inflation and recession (address), 06121
Influenza:
flu, 06945
infectious diseases research, 08127
respiratory disease, surveillance, 06097
Information, *see* Public information.
Information centers, *see* Information services.
Information exchange, *see* Information storage and retrieval systems.

564-800 O - 75 - 18

Information processing, *see* Information storage and retrieval systems.
Information services:
data uses in private sector, proceedings of executive seminar, 09710
Federal information processing standards publication, FIPS pub, 01418, 01966, 08753
government and private sources of information processing and dissemination (remarks), 07327
information and referral services, resource file, 03833
information resources for neurosciences, 01463
international legal obligations of presence of Rhodesian Information Office in U.S.–hearings, 04098
management information systems, 00739
mechanized catalog, 09522
public sector labor relations information exchange publications, 06796
Information storage and retrieval systems:
COLMIS, collection management information system for solid waste management, user's manual, 10861
comprehensive defect data bank for no. 2 common oak lumber, 00414
computer network user information support, 06922
data communication system throughput performance using high speed terminals on dial telephone network, 01425
data elements–
entitlement period 4, Revenue Sharing Office, 04757
final entitlement periods 1,2 & 3, Revenue Sharing Office, 04759
Defense integrated data system (DIDS), procedures manual, 03256-9, 04270-2, 05201-2, 06416-7, 08520
development of nationwide criminal data exchange system, need to determine cost and improve reporting, GAO report, 00424
emphasis needed on Government's efforts to standardize data elements and codes to computer systems, GAO report, 10078
environmental information systems directory, 01154
Federal data banks and constitutional rights, 10778
Federal information processing standards publication, FIPS pub, 08753
Federal information processing standards publications, FIPS pubs, 01418, 01966, 08753
Federal information systems and plans, Federal use and development of advance information technology, 09837
government and private sources information processing and dissemination (remarks), 07327
guidelines for producing uniform data for health care plans, 03651
information proceeding system exchange, management information systems, 00739
information retrieval for Division of Water Supply and Pollution Control, 11734
machine diagnosis and information retrieval in medicine in USSR, USSR, 01321
library and information sciences, weekly Government abstracts, 02773
management information systems, information processing systems exchange, 05998
management of data elements in information processing symposium proceedings, 10264
Marine geophysical survey, station-data listing and report catalog, 10354
MEDLINE (MEDLARS On-Line), 10307
Michigan water resources enforcement and information system, 01186
NTIS software and data files, order catalog, 06519
processing and theoretical analysis of oceanographic observations, USSR study, 03523
records control handbook, HUD, 06718, 07883
retrieval program for archival Nasen-cast data, 07005
search and retrieval, service that pinpoints sources of criminal justice & law enforcement information, 04561
spacelab data management subsystem, phase B study, 11120
speed of comprehending fire control displays right/left differences, human information processing, 07959–
submarine fire control, 07961
SRS research information index, 11230
standardization of data elements and representations, 08753
State traffic records systems design manual–
standard data elements and coding, 00569-71, 01441-4, 04661
system design and development, 00568
technical data file on design and use of instructional systems, 07146
technical index of interactive information systems, 08760
uniform hospital discharge data, 04492
USDA information system plan, USDA data inventory, 07340
user's guide to NODC's data services, 07722
Information theory:
coding index for tumor scanning, 02855
computers, control & information theory, weekly Government abstracts, 02767
see also Computer science.
Infrared spectroscopy, *see* Spectroscopy.
Infrared radiometers, *see* Radiometers.
Infrared rays:
coupling of upper and lower atmosphere by infrared radiation, USSR study, 04550
infrared Fourier transform spectrometry of gas chromatography effluents, 09998
Infrared spectrum, *see* Spectra.
Ingram, Dick L.:
relief, 04168
Ingram, Don W.:
relief, 04168
Ingram, J. Clarence:
relief, 04168
Inhalation:
dust inhalation diseases, pneumoconioses, 05667
Inheritance and transfer tax:
estate and gift tax, internal revenue bulletin, cumulative index-digest supplement system, 01684, 03442, 06734, 10134
Federal tax guide for survivors, executors and administrators, 03446
fiduciary, income tax returns, statistics, 07896
IRS looseleaf regulations system, estate and gift tax, 02260, 06738-9
returns, estimate of personal wealth, 03455
Inhibitors:
chalones, concepts and current researches, 00564
Injections:
injection of heated turbulent jet into cross flow, analysis, 05635

Injectors:
drag and distribution, measurements of single-element fuel injectors for scramjet supersonic combustors, 10224
strut fuel injectors for supersonic combustion, 08076
Injuries:
child abuse, demonstration program for prevention, identification, and treatment, provide–
hearings, print additional copies, report, 09767
coal-mine injuries and worktime monthly report, 01770
compensation for work injuries for Federal employees–
hearings, 06288
crash/injury ejection study, commercial vehicle accidents, 10200
experimental trauma of occipital impacts, 08903
injury accident rates on Federal-aid and other highway systems, 09298
injury experience in coal mining, 01374
occupational injuries and illnesses by industry, July 1-Dec. 31, 1971, 06803
reduction of injury in young and old, research directions, proceedings, 01453
resulting from accidental burning of products, fabrics, or related materials, studies, 10961
study of injured patients, trauma conference report, 11173
Ink:
Federal item identification guide, 06425
inking pads, Federal item identification guide, 03291
Inland, Nebr.:
Burlington Northern, Inc., railroad accident investigation summary report, 01543
Inlet Drum project, *see* Project Drum Inlet.
Inlets, *see* Air inlets (aircraft).
Inlets (shore):
hydraulic design of improved inlets for culverts, 09299
Inner tubes:
inner tube, pneumatic tire, Federal standard, 07814
pneumatic tire, Federal item identification guide, 04274
Innovations, technological, *see* Technological innovations.
Inorganic compounds:
occupational exposure, criteria for recommended standard for chromic acid, 08121
Input-output analysis, *see* Linear programming.
Input-output routines, *see* Computer programs/programming.
Insanity:
defense of criminals, reform of Federal criminal laws–
hearings, 08502
Insect pests, *see* Insects.
Insect traps:
time-interval collecting device, 02808
Insecticides:
EPA compendium of registered pesticides, insecticides, etc., 00606, 10371
granular systemic insecticides applicator in cottonwood nurseries and plantations, 05396
metabolism of carbamate insecticides, 10828
microbial insecticides control forest tent caterpillar in southwestern Alabama, 00408
see also Pesticides.
Insects:
cooperative economic insect report, 01817
cotton insect research and control, annual conference report, 11292
cotton insect scout, how he can help you, 03328
DDT for control of insects–
hearings, 06261
forest pest conditions in Pacific Northwest, 00394
forest, conditions in U.S., 05391
imported fire ant, rural and residential pest, 03859
look at USDA's biological control of insect pests, 1888 to present, 01055
modeling of cotton insect populations, 05923
protecting home-cured meat, 07116
see also Aquatic insects.
Insignias:
Federal item identification guide, 04306
Inspection (industrial):
consumer protection would be increased by improving administration of intrastate meat plant inspection programs, GAO report, 06677
helicopter inspection design requirements, 02841
meat and poultry inspection regulations, 05988
model documents for evaluation, approval, and inspection of manufactured buildings, text and appendixes, 06909
safety lane type pre-trip inspection of commercial motor vehicles, recommended procedure, 05606
short emission inspection tests effectiveness in reducing emissions through maintenance, 06549
State meat inspection standards–
hearings, 04186
Inspection equipment:
inspection gages and precision layout tools, Federal item identification guide, 06441
ultrasonic imaging of cylindrical explosive loads, 05736
Inspection services:
agriculture inspection on Mexican borders, 00017
customs inspection, 05200
Installations (military):
Army, continental U.S., list, 04858
civilian reuse of Defense installations, planning guide for communities, 07649
CMP (construction management procedure) instructions, specifications, and example, 01110
concrete for military structures, standard practice, technical manual, 09682
construction appropriations–
request, 02963
supplemental authorization, hearing,s, 07467
construction authorization, 1974–
report, 04057, 04065, 04169
construction cost engineering and computation state of the art, 07681
design of structures to reaist effects of atomic weapons–
multistory frame buildings, 03922
structural elements subjected to dynamic loads, 03921
weapons effects data, 03919-20
equipment fleet selection, guidance for construction projects, 06499
facilities engineering, base operations, maintenance and minor construction, Army National Guard, 08114

Installations (military)—Con.
military construction appropriations, 1974—
hearings, 00120, 00920, 01013, 03103, 04085
law, 08339
report, 03079, 04066, 06247
military construction authorization, 1974—
hearings, 03104
law, 04992
report, 10606
military fields, instrument approach procedure charts, 02295
project development brochures, functional requirements, 10511
Installment credit:
automobile credit developments, 01667
commercial banks, holdings, monthly report, 01810
consumer credit, monthly release, 01809
installment and deferred-payment sales, tax information, 05473
National Commission on Consumer Finance technical studies, 01433
rate regulation in consumer credit industry, analysis and impact, 06934
rates on consumer instalment loans, 03372
Institute for Materials Research, Metallurgy Division:
technical highlights, 09518
Institute of Tropical Forestry, *see* Tropical Forestry Institute.
Institutions:
academic and selected nonprofit institutions. Federal obligations, instructions and specifications for reporting, 09560
financial markets, impact of institutional investors in stock market—
hearings, 00211, 07490
funds for research at State agricultural experiment stations and other State institutions, 08969
institutionalization of elderly, alternatives—
hearings, 07550
persons in institutions and other group quarters, census of population, 00055
survey of institutionalized adults, report, 10410
urban institutions abroad, list, 10967
Instruction, *see* Education—Programmed instruction—Teaching.
Instruction reports:
Waterways Experiment Station, 00317, 10815
Instructors, *see* Teachers.
Instrument flight rules:
enroute IFR altitudes over particular routes and intersections, minimum, 08287, 10507
enroute IFR peak day charts, 10503
IFR aircraft handled, 1974-84 forecast by Air Route Control Center, 11500
IFR altitudes, Federal aviation regulations, 01952
IFR approaches to triple parallel runways, ATC procedures, investigation, 11786
IFR off-airway routes, 10504
Instrument flying:
fixed-base simulation study of 2 STOL aircraft flying curved, descending instrument approach paths, 03599
using moving-aircraft and moving-horizon attitude indicators, in-flight performance of civilian pilots, 07247
Instrument landing, *see* Landing (aircraft/spacecraft).
Instrument men, *see* Instrumentmen.
Instrument panels:
peripheral visual response time to colored display panel, stimuli imaged on horizontal meridian, 09498
Instrument repairmen, *see* Instrumentmen.
Instrumental analysis:
environmental applications of advanced instrumental analyses, assistance projects, 04366
Instrumentation:
AFOSR 18th annual chemistry program review, 04799
CAMAC serial system organization, description, 09703
development of instrumentation for measurement of stationary source aldehyde, organic acid, and amine emissions, 05324
engineering-psychology experiment and its instrumentation, problem, USSR study, 07917
evaluation of measurement methods and instrumentation for odorous compounds in stationary sources—
field testing, 01168
evaluation of monitoring methods and instrumentation for hydrocarbons and carbon monoxide in stationary source emissions, 01166
for measurement of particulate emissions from combustion sources, 07742
journal of research, National Bureau of Standards, 02198
magnetic probes and instrumentation of capacitive discharges, 05739
monitoring specific particulate substances in stationary source emissions, 10832
raw data and experimental equipment, aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07744
SL-7 class containership response instrumentation system, 11227
Instrumentmen:
instrumentman 1 & C, rate training manual, 01504
Instruments:
current industrial reports, selected instruments and related products, 00774
engineering and construction manual for instrument to make burn hazard measurements in consumer products, 08104
flight instructor, practical test guide, 03384
gyroscopic instruments, USSR study, 01341
inertial instruments, USSR study, 08657
instrument fact sheet IFS series, 01485, 08146, 09556-8, 10328, 11185-6, 11693-4
index, 09557
instrument for simultaneous monitoring NOx and SO2 in stationary sources, 06558
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
Insulation:
candidate space-shuttle thermal-protection-system and antenna-window materials, high-temperature dielectric properties, 11129
cellulosic fiber insulating board, 08106
chromia doping on thermal stability of silica fibers as reusable surface insulation for reentry vehicles, effect, 08046
critical defects in ablative heat shield systems as resuable surface insulation for space shuttle, 08024
electrical, insulators and insulation materials, Federal item identification guide, 06449

Insulation–Con.
low density foams for vacuum insulation, 08301
magnet-wire insulation stripping, 08897
rigid thermal insulations, moisture and freeze-thaw effects, 10813
rigidized fibrous materials as reusable surface insulation for reentry vehicles, 08038
sleeving, electrical, Federal item identification guide, 08522
thermal, Federal item identification guide, 04314
Insulators:
electrical insulators and insulation materials, Federal item identification guide, 06449
reliability and effective thermal conductivity of 3 metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
Insurance:
bankruptcy, reform of Federal criminal laws, hearings, 07547
Canal Zone, annual business report, 02862
Federal crime insurance against burglary and robbery losses, 09350
Federal crime insurance program, 09351
commercial and residential policies, 03426, 10907
national flood insurance program, Spanish edition, 05463
termination insurance for private pension plan reform, 00214, 10591
underwriting significance of hypertension for life insurance industry, 06941
see also Deposit insurance–Health insurance–Indemnity–Mortgage insurance–Unemployment insurance.
Insurance companies:
District of Columbia, improve laws regulating–
report, 04069
taxability of dividends received by corporations in District of Columbia–
hearings, 07486
law, 10575
report, 04070, 06343, 09774
Integral equations, *see* Equations.
Integrals:
invariant coupled diffusion and chemistry model, development and preliminary application, 01390
J integral application to crack initiation in 2024-T 351 aluminum alloy, 10362
J-integral characterization of irradiated stainless steels, 04697
Integration (mathematics):
integrated approach to construction management processes within dynamic system, 06491
numerical integration of continuity, equations, urban air shed photochemical simulation, model study, 05323
numerical marching techniques for fluid flows with heat transfer, 06847
Intellect:
intellectual development of youths as measured by short form of Wechsler intelligence scale, 06928
life beyond earth & the mend of man, symposium proceedings, 01397
long term effects of drug use on mental ability, 08886
lower mental ability airmen, feasibility of using special measures in classification and assignment, 08883
natural and artificial intelligence, philosophical meaning of problem, USSR study, 03530
theorem proving in artificial intelligence, role, 05743
Intelligence, *see* Intellect.
Intelligence service:
FBI's domestic activities, statutory authority, 09840
Intelligence specialists:
guidelines for intelligence personnel, prevention and control of collective violence, 04553
Intelligence tests, *see* Mental tests.
Intelligibility, *see* Comprehension.
Intensity of sound, *see* Sound.
Inter-American Affairs Office:
records, National Archives inventory group, 04634
Inter-American Conference of Tlatelolco, Mexico City:
congressional participation, report of Mike Mansfield, 09208
Inter-American Development Bank:
appropriations, 1974–
report, 05035, 09741, 09756, 09758
special payment, law, 04005
foreign assistance appropriations, 1974–
hearings, 04084
United States and multilateral development bank, 07405
Inter-American Foundation:
appropriations, 1974–
law, 06194
report, 05035, 09141, 09756, 09758
financial statements, fiscal year 1973, GAO examination, 09340
foreign assistance appropriations, 1974–
hearings, 04084
second year of operations–
hearings, 06296
Inter-American Geodetic Survey Mission:
privileges and immunities, agreement with Ecuador, 08238
Inter-American relations, *see* American states.
Inter-Governmental Maritime Consultative Organization:
IMCO, 1973 conference on marine pollution from ships–
hearings, 07483
Interagency Committee on Emergency Medical Services:
establish–
law, 04009
report, 03059, 03063, 03156
Interagency Land Use Policy and Planning Board:
establish–
report, 09763, 10664, 10702
Interagency training programs, *see* Government officials and employees.
Interdepartmental Council to Coordinate All Federal Juvenile Delinquency Programs:
report, 10128
Interdepartmental Radio Advisory Committee:
IRAC gazetteer, 03983
Interest and usury:
D.C. law, exemption for Capital Yacht Club–
hearings, 06287, 07486
law, 08343
report, 06230, 11421
Government bonds, repeal interest ceilings–
hearings, 00168
interest equalization tax, tax information, 07894
interest expense, income tax deduction, 03448

Interest and usury—Con.
interest on deposits, Federal reserve regulations, 03376
interest payments on time and savings deposits, extend certain laws—
report, 03135
interest rates charged on selected types of bank loans, monthly release, 02164
law, payment of interest on time and savings deposits, extend certain laws, 00844
selected interest & exchange rates for major countries & U.S., weekly series of charts, 02582
Interest rates, *see* Interest and usury.
Interfaces:
effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
GAIN (Graphic aid for investigating networks), interactive graphics interface for circuit analysis programs, 02858
interface between brine and fresh water from geophysical logs of boreholes in upper Brazos River basin, Tex., location and characteristics, 04476
rail and marine interface at port of Baltimore, 05570
rail and marine interface at port of Hampton Roads, report, 03555
subscriber terminals and network interface for broadband cable teleservices, survey, 00808
Interference drag, *see* Drag (aerodynamics).
Interferometers:
holographic and ultrasonic detection of bond flaws in aluminum panels reinforced with boron-epoxy, 11665
simplified holographic-interferometry technique for real-time flow visualization and analysis, 08725
Intergovernmental Personnel Policy, Advisory Council on, *see* Advisory Council on Intergovernmental Personnel Policy.
Intergovernmental relations:
city financial emergencies, intergovernmental dimension, 04770
intergovernmental science and research utilization, publications, 08801
locating Federal talent for temporary assignments under Intergovernmental personnel act of 1970, 10554
Intergovernmental Relations, Advisory Commission on, *see* Advisory Commission on Intergovernmental Relations.
Interior and Insular Affairs Committee, House:
calendar, 02215
committee print, 09218
hearings, 00136-8, 00937-8, 04109-13, 05071, 07414-7, 08398-402, 09081-4, 10702
investigations and studies, authorization and expenses, report, 10641
report, 00911, 02991, 02996, 03002, 03036, 03073, 06235-6, 06248, 09763, 09778, 09787-90, 10614-5, 10631, 10666, 10673, 11363, 11386
Interior and Insular Affairs Committee, Senate:
calendar, 02234
committee print, 04213, 05140, 05142-6, 05150, 07523, 07531, 08492-3, 08496, 09218, 09939, 10773-4
executive markup session, 06394
hearings, 00225-7, 01031-3, 04214-30, 05139, 05141, 05147-9, 06395, 07518, 07520-2, 07525-30, 07532-6, 08479-80, 08491-2, 08495, 09216-7, 09219-21, 09937-8, 10772, 10775-7, 11436
report, 00191, 00991, 00994, 00998, 01000, 02978, 03158-60, 03163, 03166, 03170, 03179-80, 03211, 04179, 06328, 06330-3, 06336-7, 06345, 08459, 08462, 09151, 09172-3, 09886, 09905, 10730, 10740, 10743, 10745, 11410, 11426-7, 11429-30
routine expenditures, additional, authorize—
report, 03198
Interior Department:
appropriations, 1974—
law, 02944
report, 03006
supplemental, hearings, 06271, 06366-7
supplemental, proposal, 10601
waiving points of order, report, 02968
appropriations, 1975—
energy research and development, hearings, 06270
hearings, 09803-5
report, 08371
Assistant Secretary for Indian Affairs, establish—
report, 06345
Assistant Secretary for Management, nomination of James T. Clarke—
hearing, 01032
Assistant Secretary for Program Development and Budget, nomination of Royston Hughes—
hearings, 09220
code of Federal regulations, 06629
Commissioner of Fish and Wildlife, abolish position—
report, 07380
conservation publications and related subjects, list, 10129
decisions—
index-digest, unpublished decisions, 1943-54 cumulative, 10435
solicitor's opinions, 02167
energy research program, 08636
guaranteed loans for geothermal energy exploration, provide—
report, 10743
more usable dead or damaged trees should be salvaged to help meet timber demand, GAO report, 01247
press releases, 02474
progress and problems in developing nuclear and other experimental techniques for recovering natural gas in Rocky Mountain area, GAO review, 10936
prototype oil shale leasing program, 09221
public works appropriations, 1974—
hearings, 03245
waiving points of order, report, 02969
public works appropriations, 1975—
hearings, 09813
Interlocking directorates:
communications carriers, applications, FCC rules and regulations, 01964
Intermodalism, *see* Containerization.
Intermountain Forest and Range Experiment Station:
publications, list, 00396
recent reports, list, 02529
Internal combustion engines, *see* Engines.
Internal revenue:
code of Federal regulations, title 26 parts, 02838, 10040-1, 10912, 11519-24
code, amend—
hearings, 07494
Federal receipts for fiscal years 1973 and 1974, estimates, 00954

Internal revenue—Con.
internal revenue bulletin, 02168
cumulative index-digest supplement system, 1683-7, 3442-3, 04507, 04515, 06734-6, 10134-6
Internal revenue agents:
minding millions, internal revenue agents in today's Federal Government, 04953
Internal Revenue Service:
annual report of Commissioner, 1973—
departmental edition, 06733
document edition, 06223
economic stabilization program handbook and manual, Congressional oversight—
hearings, 04231
looseleaf regulations system—
employment tax, 02261, 06740
estate and gift tax, 06738-9
excise taxes, 02262, 06741
income tax, 02259
procedure and administration, 02263, 07895, 10138
service series, 06738-41, 07895, 10138
package X, informational copies of Federal income tax forms for 1973, 03452
press releases, 02475
use for political purposes, investigation into changes, 09011
Internal Revenue Taxation Joint Committee:
committee print, 00954-5, 09011
energy taxation study, 07451-5
estimates of Federal receipts, 1973 and 1974 fiscal years, 00954
report, 07381, 09163
Internal security, *see* National security.
Internal Security Committee, House:
annual report, 06258
committee print, 08404, 09840
hearings, 00139, 04114-7, 07418, 08403, 08406, 09085, 09839
investigations and studies—
authorization and expenses, report, 10629
report, 05039, 06258
International affairs, *see* International relations.
International agencies, *see* International organizations.
International agreements:
civil aviation convention, amendment, 04158
collaboration in mental health research, services, training, drug abuse, etc., 04665
collisions at sea, international regulations for preventing, convention, 04157
compensation fund for oil pollution damage, 04202
customs convention on containers and international convention for safe containers, 06318
international council for exploration of the sea, protocol to convention, 04156
oil pollution casualties—
report, 07377
telecommunications, OT report, 07333
treaties and other international agreements, 1776-1949 compilation, Philippines-United Arab Republic, 11782
treaties and other international agreements, 01582, 03786, 07062
International Atomic Energy Agency:
application of safeguards pursuant to nonproliferation treaty, suspending agreement with, Norway, 07056
peaceful uses of nuclear explosions, third panel, 10525
International Atomic Energy Commission:
statute, amendment, 00681
International Bank for Reconstruction and Development:
appointment of alternates for Governors, provide—
law, 00104
appropriation for special payment—
law, 04005
Bretton Woods agreements act, amend—
law, 00104
United States and multilateral development bank, 07405
International Broadcasting Board:
appropriations, 1974—
supplemental, hearings, 06367
appropriations, 1975—
hearings, 10679
establish—
law, 02950
report, 03004, 03011
International Center for Scholars, Woodrow Wilson, *see* Woodrow Wilson International Center for Scholars.
International Centre for Study of Preservation and Restoration of Cultural Property:
training courses in conservation/restoration, 04771
United States membership, 02797
International Civil Aviation Organization:
protocol to amendment to article 56, 00182
International Commercial Exchange, Inc.:
futures trading and open contracts, 02056
International Commission for Northwest Atlantic Fisheries:
conservation, international enforcement to include additional geographic areas, report, 10657
International Committee of the Red Cross:
refugee relief in Republic of Viet-Nam, Laos, and Khmer Republic, agreement, 11779
International Conference on Education:
progress of education in United States of America, report, 01094
International cooperation:
application of modern technologies to international development, list of reports available for foreign use, 01650
collaborative research program between NBS and Indian scientific institutions, special foreign currency program, 06920
energy, cooperative world action to solve shortages, current foreign policy, 05818
executive branch organization for international economic policy, 09924
international cooperation in developing water resources, 05772
international social security agreements, measures to protect international migrant workers, 10420
mutual development and cooperation act, report, 00118
patent cooperation treaty and annexed regulations, report, 00962
Secretary Kissinger reviews U.S.-European relations (address), 07050
to restore harmony, new efforts in transatlantic cooperation, 09074
International Court of Justice:
strengthen and improve—
hearings, 06385
International Decade of Ocean Exploration:
Caribbean Atlantic geotraverse, NOAA-IDOE 1971, report, magnetic data, 10325
International Development Agency:
appropriations, 1974—
law, 06194

International Development Agency–Con.
designate as Mutual Development and Cooperation Agency, 00927
field staff, Foreign Service list, 02046
health, population, and nutrition activities, report, 04538
procurement regulations, 01608, 05493
procurement, regulations, amendment, 07903
telephone directory, 07051, 08854
U.S. assistance to Khmer Republic (Cambodia), AID, State Department, and Defense Department administration, GAO report, 01249
war on hunger, monthly report, 02739
International Development Association:
appropriations, 1974–
authorization, increase, request, 04040
report, 05035, 09141, 09756, 09758
special payment, law, 04005
foreign assistance appropriations, 1974–
hearings, 04084
increased U.S. participation–
hearings, 06284, 07502, 09213
report, 11428
replenishment of resources, proposal, 04042
International Economic Policy Council, *see* Council on International Economic Policy.
International education, *see* Education.
International exchanges:
education, financing of exchange programs, agreeement with Netherlands, 05841
India-U.S. exchange of scientists, 09567-8
international educational and cultural exchange (periodical), 02172
U.S. scientists abroad, examination of major programs for nongovernmental scientific exchange, 09073
International Exposition on Environment:
commemorative medal, authorize–
report, 10729
International Field Year for Great Lakes:
biology-chemistry program, 07724
IFYGL bulletin, 04680
International finance:
delinquent international debts owed to United States–
mid-1973 review, hearings, 04103
selected countries, hearings, 00931
finance, 03366
how well are fluctuating exchange rates working?–
hearings, 05007
international capital markets and financing of economic development (paper), 03366
international financial crisis–
hearings, 05131
international monetary reform–
hearings, 07391
par value modification appropriations–
hearings, 04086
reformed monetary system, make floating part of, subcommittee print, 06203
International Finance Corporation:
articles of agreement, amendment, 01576
International Geophysical Year:
political legacy, science, technology, and American diplomacy, 04102
International Hydrological Decade, 1965-74:
contribution, 07845
IFYGL bulletin, 04680
International Ice Patrol Service:
North Atlantic Ocean, report, 09716
International investments, *see* Investments.
International Joint Commission, United States and Canada:
activities and 1973 floods along Great Lakes, review–
hearings, 05060
history, operation, accomplishments, 05820
International Labor Organization:
convention and recommendation–
concerning maritime matters, texts, 04037
protection aginst hazards of poisioning from benzene, 00853
International law:
international obligations of presence of Rhodesian Information Office in United States–
hearings, 04098
protecting civilians in Middle East conflict–
hearings, 09833
International Monetary Fund:
appointment of alternates for Governors, provide–
law, 00104
appropriation for special payments–
law, 04005
Bretton Woods agreements act, amend–
law, 00104
International organizations:
extend certain privileges and immunities to Organization of African Unity–
law, 04015
report, 03215
international organization and conference series, 05822, 07049, 10439
international organizations series, 07048
multilateral assistance for agricultural development, 04338
U.S. missions, field staffs, Foreign Service list., 02046
United States contributions, report, 05025
International Paper Co.:
wage chronology, 00528
International postal service:
international mail, 02175
International Radio Broadcasting Activities Commission:
appropriations, 1974–
hearings, 00198
supplemental, 07458
supplemental, hearings, 06367
International relations:
American foreign policy and current energy problem, implications–
hearings, 05134
Americans can work with others towards man's eternal goal of pacem in terris (address), 03759
code of Federal regulations, 11517
current foreign policy, 07049, 08234, 10439, 11773, 11776–
energy, cooperative world action to solve shortages, 05818
strategic balance, 08853
economic foreign policy series, 11776
European reactions to Soviet-United States detente, 00217
export expansion important to our role in world affairs (address), 07330
foreign affairs research papers available, list, 02036
foreign policy implications of energy crisis–
hearings, print additional copies, report, 09160, 09766
foreign policy of U.S. State Department bulletin, 01873

International relations–Con.
foreign relations of U.S., Eastern Europe, Soviet Union–
departmental edition, 08233
document edition, 07368
foreign relations of U.S., Far East, China–
departmental edition, 08517
document edition, 05012
general foreign policy series, 03767, 05818, 08234, 08853, 09618, 11250
government supported research on foreign affairs, inventory of research projects–
American republics, 09619
Europe, 09620
international relations, 09622
Near East, South Asia and Africa, 09621
international economic indicators, quarterly report, 02171
International economic policy act, appropriations, 1975-6, authorization–
report, 09895
international information and cultural series, 05821
international monetary developments and their foreign policy implications–
hearings, 07398
international trading relations contributing to world peace (address), 07320
international traffic in arms regulations (ITAR), code of Federal regulations, 05824
legislation on foreign relations, with explanatory notes, 07399
multinational corporations and United States foreign policy–
hearings, 06384, 10769
negotiation and statecraft–
hearings, 08489
nutrition and international situation, national nutrition policy study, 10787
our international visitors, 05821
prevention of incidents on and over high seas, agreement with Union of Soviet Socialist Republics, 05831
problems facing world community, 03770
reforming international economic system (address), 05806
right to peace resolution–
hearings, 10698
rule of law in international economic affairs, 08234
third USCFAR consolidated plan for foreign affairs research, fy-1974-75, 08158
U.S. foreign policy for 1970's shaping a durable peace, analysis of President's report, 00133
U.S. foreign policy in year of transition, 00930
U.S. policy toward Cuba–
hearings, 08486
U.S. policy toward Panama, 1903-present, questions of recognition and diplomatic relations and instances of intervention , 11251
United States, and Japan, 15th Air Force Academy Assembly, proceedings, 05963
world environmental quality, challenge to international community, 03767
see also Balance of power–International cooperation.
International Statistical Programs Center:
research document series, 10544
International Technical Conference on Experimental Safety Vehicles:
proceedings, 04662
International Telephone and Telegraph Company:
Presidential impeachment investigation, statement of information on litigation, hearings, 09098
SEC, agency independence and ITT case, legislative oversight, 09841
statement of information submitted on behalf of President Nixon in impeachment inquiry, hearings, 09092
International trade, *see* Commerce .
Interns:
internship program, Law Enforcement Assistance Administration, 10154
urban intern, program fact sheet, HUD, 10125
Internship, *see* Interns.
Interparliamentary Group, Mexico-United States, *see* Mexico-United States Interparliamentary Group.
Interparliamentary Union:
conference, report of United States delegation, 00220, 09820
Interplanetary flight, *see* Astronautics.
Interplanetary trajectories, *see* Trajectories.
Interplanetary vehicles, *see* Spacecraft.
Interpreters, *see* Image interpreters.
Interstate agreements:
provide system for State taxation of interstate commerce, proposals–
hearings, 07493
Interstate and Foreign Commerce Committee, House:
activity, 93d Congress, 1st session–
report, 07382
committee print, 00145-6, 06305, 08414-6, 09087, 10703-6
hearings, 00140-3, 00939, 04118-25, 05072-4, 07419-28, 08407-8, 08410-3, 09086, 09841
investigations and studies–
authorization and expenses, report, 10642
report, 03020, 03045, 03059, 03072, 03087, 04053, 04067, 06226, 09032, 09036, 08357-60, 08364, 08366, 08373-4, 10676
subcommittee print, 00144
Interstate commerce, *see* Commerce.
Interstate commerce act, *see* Railroads.
Interstate Commerce Commission:
annual report, 1973–
departmental edition, 05494
document edition, 05027
appropriations, 1975–
hearings, 09806
report, 10674
decisions (bound reports), 05498, 10149
decisions (separates)–
finance, 02178, 09385
motor carrier finance, 02180
motor carrier, 02179
traffic, 02181
decisions, finance reports, 09383
impact of actions and policies on small business by Federal regulatory agencies, 10662
judicial review of decisions–
report, 03222
public advisory series, 03486
Interstate Commission on Potomac River Basin:
public works appropriations, 1974–
waiving points of order, report, 02969
public works appropriations, 1975–
hearings, 11392
Interstate compacts, *see* Interstate agreements.
Intoxication, *see* Drunkeness (criminal law).
Intrauterine contraceptives, *see* Contraceptives.

Invagination:
of colon with prolapse through anus in golden Syrian hamster, 04843
Invariants, *see* Integrals.
Inventions:
Government inventions for licensing, weekly Government abstracts, 02771
Inventories:
American intermodal equipment, 1973, inventory, 10173
comprehensive data handling system (CDHS), emissions inventory subsystem users guide, 07134
conservation needs for land resource planning, 03740-3
current energy research and development, 09112
Department of Defense stock funds, accomplishments, problems, and ways to improve, GAO review, 10076
fish data–
Chickamauga Reservoir, 10469
Wheeler Reservoir, 10470
fluvial-sediment data for California, inventory of published and unpublished, 07853, 07853
green coffee, current business reports, 01836
interstate carrier, water supply systems, 06579
inventory management (IM) individual instruction materials, advanced development work, 08889
job inventories, relative validity of 2 item formats for obtaining length of service data, 05972
manufacturers, current industrial reports, 01846
monthly wholesale trade, current business reports, 01839
National Archives and Records Service, preliminary inventory series, 05641-2, 08086-7
National Archives inventory series, 03625, 04633-4
national emissions inventory of sources and emissions of–
chromium, 08549
magnesium, 08550
molybdenum, 08551
silver, 08552
plants material introduced, 04774
President's Commission on Assassination of President Kennedy, records, 04633
real property owned by U.S. throughout world, report, 11534
records of Public Land Law Review Commission, 03625
steel mill shapes, current industrial reports, 07265
structural characteristics of housing inventory, census of housing, 07256
USDA information system plan, USDA data inventory, 07340
Inventors:
public need and role of inventor, 11166
Inverters:
discharge of superconducting storage device through inverter, USSR study, 03504
Investment cast, *see* Founding.
Investment companies:
act of 1940, SEC releases, 02183
conversion of savings and loan associations from mutual to stock form–
hearings, 10757
mutual fund distributions, tax information, 05484
small business–
assistance for disadvantaged entrepreneurs, 08836
concerns financed, results of sample survey, 09607
SBIC industry review, 10405
SBIC starting, 07028
Investment trusts, *see* Trusts and trustees.
Investments:
Appalachian Regional Commission, investment strategy, task force report, 08892
basic estimated capital investment and operating costs for underground bituminous coal mines, 05579
capital investment decision analysis, application of dynamic programming, 10022
correlation of expenditures for science and productive capital investments, USSR study, 09427
energy crisis, inflation and investment (remarks), 06631
foreign direct investment program, selected statistics, 06640
foreign direct investment program, 01238
foreign direct investment regulations, interpretive explanation and analysis, 1973 general bulletin, 03387
foreign investments in United States, impact–
hearings, 10763
foreign investments in United States–
hearings, 10696
international investment position of United States developments in 1972, and U.S. Direct investments abroad in 1972, 03303
investment advisers act, SEC releases, 02182
investment guaranties, agreement with–
Socialist Federal Republic of Yugoslavia, 03772
Socialist Republic of Romania, 04748
protecting your housing investment, 04496, 11554
Stockholders investment act–
hearings, 07494
taxation of income from foreign investments, summary of Administration recommendations, 07496
trading and investing in Romania, 05267
trends, composition and determinants of U.S. direct investment in Canada, 10065
Investors:
financial markets, impact of institutional investors in stock market–
hearings, 00211, 05127, 07490
foreign direct investors in U.S., list of foreign firms with some interest/control in American manufacturing and petroleum companies in U.S., 03466
Invoices:
billing third generation computer users, method, 06896
typical electric bills, residential, commercial and industrial, 08567
Iodine:
iodine metabolism in children and adolescents in area of community , 08298
mineral industry survey, 05580, 07975, 11604
Ionization:
root-mean-square errors in location, orientation and shape in triangulation solution of elongate object in space, derivation of formulas, 11123
solar ionization rates for ionospheric E, F, and D regions, 07000

Ionization chambers:
high pressure Argon ionization chamber systems for measurement of environmental radiation exposure rates, 02854
Ionosphere:
dependence of high latitude spread-F occurrence on solar and magentic activity, 06125
ionospheric data (periodical), 02184
ionospheric modification, HF high-power vertically directed array, 06124
modeling ionosphere and upper atmosphere, l-3000 A solar flux for moderate level of solar activity for use, 03670
physics and chemistry of 2 NRL codes for distrubed E and F regions, 08167
propagation of Loran-C ground and ionospheric wave pulses, 03989
reflection coefficients for computer simulation of Loran C/D pulse propagation transforms, 00084
solar ionization rates for ionospheric E. F. and D regions, 07000
Ions:
acceleration by relativistic electron beam, USSR study, 03511
effects of salinity and temperature on commercial shrimp, Penaeus aztecus ives, study, 09990
electric arc discharge damage to ion thruster grids, 11105
ion-molecule reaction rate data, bibliography, 04637
mass spectrometry and inhomogenous ion electrooptics, 08020
Iowa:
census portrait, 09814
climatological data, 01734
coals, preparation characteristics and desulfurization potential, 07998
electric rate book, 01210
impact of Federal policies on employment, poverty, and other programs—
hearings, 04238
precipitation data, hourly, 02105
water quality standards applicable to interstate waters subject to its jurisdiction establish, 10059
Iowa Indians:
reading list, 01299
IRAC, *see* Interdepartmental Radio Advisory Committee.
Iran:
Ambassador, nomination of Richard Helms—
hearings, 08485
economic trends and their implications for United States, 03482
military mission, agreement, 05827, 09623, 10441
new perspectives on arms sales—
hearings, 06297
two citizens to attend U.S. Naval Academy—
hearings, 03105
Iranians:
United States Naval Academy, admit 2 Iranian students—
law, 06154
report, 03023, 03229
Ireland:
air charter services, agreement, 01572-3
air transport services, agreement, 00677
economic trends and their implications for United States, 03479
law, United Kingdom and Ireland, classification, Library of Congress, 08685
mineral industry, 11052
Iron:
and steel scrap, mineral industry survey, monthly, 02185
behavior in alpha-iron at lower temperatures, 06895
effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
effects of thermal treatments upon concentratability of nonmagnetic iron ore, 03568
electrical resistivity of electrolytic iron, 08098
foundries, current industrial reports, 07266
industry, system of study of conventional combustion sources, 05331
influence of manganese additions upon properties of iron ore pellets, 06837
interaction of some extreme-pressure type lubricating compounds with iron surface, 08067
iron and sponge iron powders excluding alloy powder from Canada, Tariff Commission report, 07074
iron ore, minerals yearbook chapter, 11608
materials survey, 05577
mineral industry surveys, 11046
minerals yearbook chapter, 08701
ore, mineral industry survey, 02186, 07976
see also Ferrous metals.
Iron ores, *see* Iron.
Iron oxides:
iron oxide superconcentrates by caustic leaching, 05600
Irons:
electric, 00381
Irradiation, *see* Gamma rays—Neutrons—Radiation—Solar radiation.
Irrigation:
census of agriculture, 1969, 09707
characteristics and pollution problems of irrigation return flow, 10822
minor irrigation structures and facilities, regional examination, Pick-Sloan Missouri Basin project, 05773
Navajo Indian irrigation project—
comprehensive plan framework, 00461
New Mexico, 11220
sugarbeets, soybeans, and corn irrigated with 2,4-D or silvex-treated water, responses and residues, 05955
wastewater treatment and reuse by land application, 01161
Irrigation projects, *see* Reclamation of land.
IRS, *see* Internal Revenue Service.
Irwin, John N. II:
nomination—
hearings, 09209
Islam, *see* Mohammedanism.
Islands:
America's islands, 05695
Isle Royale National Park:
geology of Isle Royale National Park, Mich. (series), 05433
Isle Royale, Mich.:
Portage Lake Volcanics (Middle Keweenawan), 05433
Isothermal flow, *see* Flow.
Isotopes:
catalytic oxidation of sulfur dioxide using isotopic tracers, 10834
isotopic composition of uranium and plutonium, determination, 02844
localization of radiopharmaceuticals, cooperative group to study, 00750

Isotopes–Con.
radioactive isotopes, distribution, biological effects, and migration, 11307
radioisotope powered cardiac pacemaker program, 04881, 07213
radioisotope thermal converter for artificial heart device, evaluation of practicability, 06059
stable isotopes in chemistry, biology, and medicine, conference proceedings, 06034
Isotropy:
air-scattered gamma rays above isotropic plane sources, distribution functions, 07222
NX borehole jack modulus determinations in homogeneous, isotropic, elastic materials, 11056
Israel:
accessions list, Library of Congress, American Libraries Book Procurement Center, Tel-Aviv, 01599
agricultural commodities, agreement, 07060
economic trends and their implications for United States, 09378
emergency assistance, provide–
law, 06166
report, 05038, 09149
emergency military assistance–
hearings, 06365, 06383
emergency security assistance authorization, 1973–
hearings, 05057
emergency security assistance, appropriations, 1974–
hearings, 05051
impact of Arab-Israeli conflict on U.S. oil shortage, report of study mission to Middle East, 06301
Israeli POW's in Syria, their treatment and status under Geneva conventions–
hearings, 09076
views on propsects for peace in Middle East, study mission report, 09211
Istaru quadrangle, Costa Rica:
geology, 03407
Isua, Greenland:
glaciological investigations during 1973, 07676
Italy:
Ambassador, nomination of John A. Volpe, hearings, 09209
economic trends and their implications for United States, 03474
extradition treaty, 00188
map, 09713
Item identification, *see* Identification.
Iteration (mathematics):
heat and mass transfer in porous media, analysis using iterative technique, strongly implicit procedure, 08080
iterative methods for plasma-sheath calculations, application to spherical probe, 10236
rapid iterative reanalysis for automated design, 03605
ITI Customs Convention, *see* Customs Convention on International Transit of Goods (ITI Convention).
ITOS (meteorological satellite), *see* Satellites.
ITT, *see* International Telephone and Telegraph Company.
Ivory Coast:
area handbook, 04862
background notes, 03763
economic trends and their implications for United States, 09376

J

Jacks:
emergency jacks for light trucks, 04429
Federal item identification guide, 04278
NX borehole jack modulus determinations in homogeneous, isotropic, elastic materials, 11056
Jackson, Clarence:
relief, 09003
Jackson, Miss.:
flood plain information, Pearl River-Neely Creek, Hinds, Rankin and Madison Counties, 00302
floods on Pearl River and Neely Creek, 01128
Jackson, Tenn.:
current housing market situation, 07801
Jacksonville, Fla.:
flow and chemical characteristics of Saint Johns River, 01253
water quality and related studies, 11542
Jails, *see* Prisons and prisoners.
Jamaica:
economic trends and their implications for United States, 00478
trade in cotton textiles, agreement, 07055
Jamaica, N.Y.:
aircraft accident report, 01497, 09569
James E. Smith:
nomination–
hearing, 05121
James G. Fulton Flood Protection Project:
designate–
law, 06187
report, 03030, 06346
James River:
floods, how to avoid damage, 11463
quality of interstate waters, North Dakota, South Dakota, 11747
James W. Trimble Dam:
designate–
report, 03185
Jamieson, James W.:
nomination–
hearings, 10759
Japan:
acrylonitrile-butadiene-styrene type of plastic resin in pellet and powder form from Japan, Tariff Commission report, 07067
atomic energy, cooperation for civil uses, agreement, 10442
background notes, 00660
calcium pantothenate from Japan, Tariff Commission report, 05863
computerized labor market information in Japan, communication, 09442
economic trends and their implication for United States, 06752
expanded metal of base metal for Japan, Tariff Commission report, 07071
foreign trade regulations, 05273
germanium point contact diodes, determination of no injury to U.S. industry, Tariff Commission report, 03789
hand-operated plastic pistol-grip liquid sprayers, Tariff Commission report, 11792
Japan-United States friendship act–
hearings, 09202
manpower training, 06808
metal punching machines, single-end type, manually operated, from Japan, Tariff Commission report, 08251
migratory bird protection, agreement–
law, 11354
report, 10640, 10744

Japan–Con.
mineral industry, minerals yearbook chapter, 11612
mines against Japan, 08165
mutual defense assistance, cash contribution agreement, 00679
polychloroprene rubber, determination of injury to U.S. industry, Tariff Commission report, 05872
research and development collaboration, 09117
synoptic meteorological observations, Japanese and Korean coastal marine areas, 11712
trade in cotton textiles, agreement, 05851
trade in wool and man-made fiber, textiles, agreement, 07053
United States and Japan, 15th Air Force Academy Assembly, proceedings, 05963
United States and Japan, Prime Minister Tanaka's Washington visit, July 31-Aug.1,1973, and Tokyo Meeting of Joint U.S.-Joint Committee on Trade and Economic Affairs, July 16-17, 1973, 07044
United States-Japan cooperative medical science program, annual report, 09755
United States-Japan cooperative science program, 10350
whaling international observer scheme, agreement, 00669
Japanese language:
reference aid, glossary of specialized Japanese terms, Asian study, 06785
Jasper County Board of Education:
land conveyance–
report, 09787
Jefferson Memorial:
ten-cent stamp in sheet, coil and booklet form (poster), 03818
Jefferson National Expansion Memorial:
general information, 03676
Jenkins, Howard, Jr.:
nomination–
hearings, 06400
Jersey cattle, *see* Cattle.
Jersey City, N.J.:
Operation Breakthrough, site planner's report, 10970
Jet aircraft, *see* Aircraft.
Jet airplanes, *see* Airplanes.
Jet ejectors, *see* Ejectors.
Jet engines, *see* Engines (aircraft).
Jet fuels, *see* Fuel.
Jet plumes *see* Plumes.
Jets:
comparison of measured and calculated velocity profiles of laminar incompressible free jet at low Reynolds numbers, 10244
confined turbulent jets in cross flow, experiments, 08712
density flux near jet axis and far-field acoustic intensity, 06856
discrete wall jets in quiescent air, 09482
evaluation of high pressure water jet and joint preparation procedures for horizontal construction joints in concrete, 00321
high-velocity jets, hydraulic model studies of chute offsets, air slots, and deflectors, 03724
injection of heated turbulent jet into cross flow, analysis, 05635
jet airfoil close to flat barrier, streamline flow of ideal liquid, USSR study, 09390
jets blown over wing, exploratory investigation of effects, 06870
numerical marching techniques for jet fluid flows with heat transfer, 06847
on relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
use of multiple discrete wall jets for delaying boundary layer separation, 11087
Jettison:
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
Jewel Cave National Monument:
general information, 08148
Jews:
Communist Party, USA, defender of Soviet Anti-Semitism–
hearings, 08406
Job analysis:
Air Force–
draft military specification for organizational and intermediate maintenance, 09671
handbook for JPA developers, 09672
comparison of task difficulty ratings made by nurses and medical service corpsmen, 10502
job analysis, key to better management, 00797
job grading system for trades and labor occupations, 01983, 02890, 06109-10, 07311
medical service career field, Air Force, 09669
relative validity of 2 item formats for obtaining length of service data from job inventories, 05972
sensitivity, of group job descriptions to possible inaccuracies in individual descriptions, 08888
similarity of job types reported from two independent analyses of occupational data, 09675
task difficulty and task aptitude benchmark scales for administrative and general career fields, 05969
Job Corps:
JCH series, 11037
occupational training program, 11037
Job description, *see* Job analysis.
Job performance, *see* Work.
Job satisfaction:
job satisfaction, Is there a trend?, 06813
vocational and occupational interest inventory, Air Force, 07145
Jobs, *see* Civil service–Employment–Job analysis–Occupations–Training–Work.
John F. Kennedy Space Center:
spacesport visitor facilities, 08748
John Martin Dam:
Arkansas River Colo., engineers report–
departmental edition, 06487
document edition, 06213
John Wesley Powell Federal Building:
designate Geological Survey National Center under construction in Reston, Va.–
law, 04995
report, 03080
Johnny Horizon:
Johnny Horizon '76 clean up America month, designate–
law, 02936
report, 04171
Johnson Creek:
floods, how to avoid damage, 11464
Johnson grass:
control as weed, 02813
Johnson, Lloyd C.:
relief, 00861, 02923, 03120

Johnson, Lyndon B.:
memorial services and tributes, 06211
Johnson, Lyndon B., Civilian Conservation Corps Center, *see* Lyndon B. Johnson Civilian Conservation Corps Center.
Johnson, Lyndon B., Memorial Grove on the Potomac, *see* Lyndon Baines Johnson Memorial Grove on the Potomac.
Johnson, Lyndon B., National Grasslands, *see* Lyndon B. Johnson National Grasslands.
Johnson, Raphael:
relief, 00879, 03117, 08933
Johnson, U. Alexis:
nomination—
hearings, 09209
Johnston Atoll:
geomorphology, 03691
Johnstone, Carl, jr.:
relief, 03127
Johnstown Flood National Memorial:
general information, 01491
Joint Chiefs of Staff:
documents transmittal from National Security Council—
hearings, 05117-8, 10756
Joint Committe on Union List of Serials:
new serial titles, union list, alphabetical arrangements, 02371
Joint Economic Committee:
committee print, 04034
report filing date, extend—
law, 10567
Joint Federal-State Land Use Planning Commission for Alaska:
appropriations, 1974—
law, 02944
report, 03006
waiving points of order, report, 02968
Federal Cochairman, nomination of Burton W. Silcock—
hearings, 04223
Joint Oceanographic Institutions for Deep Earth Sampling:
Deep Sea Drilling Project, cruises of drilling vessel Glomar Challenger—
Colombo, Ceylon to Djibouti, F.T.A.I., 11192
Darwin, Australia to Colombo, Ceylon, 08155
Port Louis, Mauritius to Durban, South Africa, 11193
San Juan, Puerto Rico to Cristobal, Panama, 08154
Suva, Fiji to Darwin, Australia, 03679
Yokohama, Japan to Suva, Fiji, 06993
Joint Publications Research Service:
JPRS ad hoc publications, 1973, directory reference aid, 05533
JPRS series, 00496-512, 01322-47, 02086, 02427, 02499, 02661-81, 02720, 02722-28, 02733-34, 02794, 03491-532, 04540-550, 05504-45, 06762-91, 07908-36, 08640-73, 09385-429, 10152, 10984-1022, 11560-76
Joint U.S.-Japan Committee on Trade and Economic Affairs, Tokyo:
meeting, July 16-17,1973, United States and Japan, 07044
Joints:
advanced composite bonded joints, analysis and design, 08711
determination of attitudes of joints surveyed with borescope in inclined boreholes, 07972
investigation of methods of preparing horizontal construction joints in concrete, 00321
joints and connections, classification definitions, 07009
weld defects on RFI shielding effectiveness, effect, 06493
Jones, Sidney L.:
nomination—
hearings, 01023
Jones, Victor L.:
relief, 02934, 03124
Joplin Creek:
floods, 11472
Joplin, Mo.:
floods, 11472
Jordan:
agricultural commodities, agreement, 05850
Jordan, B. Everett, Dam and Lake, *see* B. Everett Jordan Dam and Lake.
Joshua Tree National Monument:
addition to National Wilderness Preservation System, proposal, 06221
general information, 09559
Journals:
Antarctic journal of United States, 01648
civil service, 01721
Federal Home Loan Bank Board, 01965
highway safety literature, abstract journal, 02090
journal of research of U.S. Geological Survey, 02199
journal of research, National Bureau of Standards, 02196-8
Library of Congress quarterly, 02519
National Cancer Institute, 02194
Navy civilian manpower management, 02195
Navy lifeline, naval safety journal (periodical), 02358
prologue, journal of National Archives, 02504
Senate, 92d Congress, 2d session, 09866
Supreme Court, 02637
Journals (machinery), *see* Bearings (machinery).
JPRS, *see* Joint Publications Research Service.
Judge Advocate General, Air Force:
annual report, 01062
law review, 02189
Judge Advocate General, Army:
annual report, 01062
legal service, pamphlets, 02200
Judge Advocate General, Navy:
annual report, 01062
JAG journal, 02188
manual, 07937
Judge Advocate General of Armed Forces:
Courts of Military Review and Court of Military Appeals, court-martial reports, holdings and decisions, 00253
Judges:
judicial disqualification—
report, 03173
traffic court judges, highway safety workshop—
participant's reference manual, 08119
trainer's manual, 06944
Judgments, *see* Claims.
Judicial Administration Joint Committee, District of Columbia:
supplemental funds—
request, 09875
Judicial procedure, *see* Civil procedure.
Judicial review:
Interstate Commerce Commission decisions—
report, 03222
judicial review of impeachment convictions, 10160
Judiciary, *see* Courts of United States-Justice Department.

Judiciary Committee, House:
activities, summary, 93d Congress, 1st session, 09847
calendar, 02216
committee print, 00940, 07433, 08420-3, 09842, 09844, 09847, 10707, 11357
hearings, 00147-50, 01034-5, 04126-30, 05075-7, 07429-32, 08417-9, 09088, 09090, 09092, 09095, 09098-9, 09843, 09845-6, 10708
impeachment of Richard M. Nixon, investigatory powers, authorize–
report, 09033
investigations and studies, authorization and expenses–
report, 03049, 03085, 10654
report, 00858-906, 02966, 02988-9, 03016-7, 03026, 03067, 03085, 03094-5, 04062, 04074, 9033, 10604, 10638, 10649, 10658, 11361-2, 11364-76, 11378-9
Judiciary Committee, Senate:
calendar, 02235
committee print, 05154, 07538, 07546, 08497, 08503, 09222, 09226, 09942, 09945, 10778
hearings, 00228-31, 01034-5, 03249, 04231-4, 05151-3, 05156-65, 07478, 07537, 07539-45, 07547, 08498-502, 09223-5, 09932, 09940, 09943-4, 10779
investigations and studies–
authorization and expenses, report, 09157, 09900
constitutional rights, subcommittee activities, report, 03171
patents, trademerks, and copyrights, authorization and expenses, report, 03142
report, 00190, 00966-86, 00993, 01001-2, 03111-28, 03133, 03140-1, 03171-3, 03182-3, 03195, 03220, 03222, 03236, 03243-4, 04079, 04160-8, 04171-2, 06327, 06334-9, 09158, 09162, 09167-9, 09879, 09888, 09900, 10719-21, 10733, 11406-9, 11412, 11424
Special Subcommittee on Criminal Laws and Procedures, report on activities–
report, 11424
Judiciary Department:
deportation suspension in certain cases by Attorney General–
report, 03140
Judilla, Rito E.:
relief, 00902, 08996
Jugoslovenski Aerotransport (JAT):
aircraft accident report, 01497
Juices, *see also* Fruit juices.
Junction boxes:
Federal item identification guide, 04281
Juneau, Alaska:
Gastineau Channel Formation, composite glaciomarine deposit, 06697
water resources of city and borough, 01281
Juniors' clothing, *see* Clothing.
Juniper, *see* Cedar.
Jupiter (planet):
alternate multiple-outer-planet missions using Saturn-Jupiter flyby sequence, 04624
encounter with Jupiter, 05640
giant of solar system, 05636
Jupiter and planet Earth, 05638
Jupiter as a planet, 05637
mission to Jupiter, 05639
now frontier, man links earth and planets, Pioneer to Jupiter, 05636-40
viewed from Pioneer, 10203, 11646
Jurassic period:
Auld Lang Syne Group of late Triassic and Jurassic (?) age, north-central Nevada, 06698
Jurors, *see* Jury.
Jury:
improving juror utilization in District Courts, guidelines, 03342
Justice:
Juvenile justice and delinquency prevention act–
hearings, 07541
see also Criminal justice (administration).
Justice Department:
appropriations, 1974–
hearings, 00198
report, 02967, 06229
supplemental, hearings, 06367
supplemental, proposal, 10598
appropriations, 1975–
hearings, 09810
Assistant Attorney General, nomination of–
Dixon, Robert G., hearings, 03249
McKevitt, James D., hearings, 03249
Attorney General–
foreign agent registration act, administration report, 04560
hearings, 07544
nomination of William B. Saxbe, 07544
reduce compensation of his office as in effect on Jan.1,1973, hearings, 05164, 07365
salary remain as prescribed on Jan. 1, 1969, hearings, 05174
views on emergency powers statutes, hearings, 07565
Civil Rights Division, nomination of J.Stanley Pottinger to be Assistant Attorney General in charge–
hearings, 01034
coordination by Attorney General of Civil rights act, executive order, 11247, 09349
Deputy Attorney General, nomination of, hearings–
Ruckelshaus, William D., 05155
Sneed, Joseph T., 05156
development of nationwide criminal data exchange system, need to determine cost and improve reporting, GAO report, 00424
establish Drug Enforcement Administration in, reorganization plan–
report, 03196
monograph series, 07639-40, 08677, 09430
opinion of Attorney General, separates, 06793
Presidential impeachment investigation, statement of information–
hearings, 09098
register, 02534
research series, 08678-80
Solicitor General, nomination of Robert H. Bork–
hearings, 05156
statement of information submitted on behalf of President Nixon in impeachment inquiry–
hearings, 09092
Juvenile courts:
juvenile and family courts, legal bibliography, 00709
Juvenile delinquency:
challenge, action, change, community guide for combating delinquency, 08271
crime and delinquency–
abstracts (periodical), 01829
issues, monograph series, 06954
issues, research report, 06955

Juvenile delinquency—Con.
investigations and studies, authorize—
hearings, 09943
Juvenile justice and delinquency prevention act—
hearings, 07541
routinizing evaluation, getting feedback on effectiveness of crime and delinquency programs, 06954

K

Kahului Harbor:
west breakwater repair, Maui, Hawaii, final environmental statement, 00315
Kalamazoo, Mich.:
Operation Breakthrough, 03431
Kalman filters:
en route position and time control of aircraft using Kalman filtering of radio aid data, 05634
flight results from study of aided inertial navigation applied to landing operations, 03600
Kalman-Schmidt filters:
mechanization equations for aided inertial navigation systems, 04610
Kansas:
act commemorating certain historical events, amend—
law, 02949
report, 02996, 03170
census portrait, 08915
climatological data, 01735
counties, population estimates, 09712
electric rate book, 04409
Grand (Neosho) River investigation for supply and pollution, 10380
precipitation data, hourly, 02106
water resources data, 00441
water supply program, evaluation, 11483
Kansas City, Kans.:
schools with tornado protection, Shawnee Mission Public Schools, district 512, 01061
Kansas City, Mo.:
area wage survey, 06800
selected storm events in 5-minute increments, 04481
Karyokinesis:
chalones, concepts and current researches, 00564
Katmai National Monument:
volcanic activity, plants, animals, 05709
Kauai, Hawaii:
small boat harbor, proposed, environmental statement, 00316
Kazakh Academy of Sciences:
activities, 1972, USSR study, 04548
Keene, N.H.:
floods in Keene, N.H., 00305
Keku (S.S.), *see* Miss Keku (S.S.).
Kenaf:
leaf development and stem height, index of crop yield, 05956
Kenai Peninsula Borough, Alaska:
flood plain information, Kenai River, phase I, 00301
floods on Kenai River, Moose Range Boundary upstream to Moose River, Kenai Peninsula Borough, Alaska, 01127
Kenai River:
flood plain information, phase I, Kenai Peninsula Borough, Alaska, 00301
floods, Moose Range Boundary upstream to Moose River, Kenai Peninsula Borough, Alaska, 01127
Kenai-Soldotna Area, Alaska:
water resources, 05437
Kennedy, David D.:
relief, 11361
Kennedy, Eileen W., *see* Pope, Eileen W. K.
Kennedy, John F., President's Commission on Assassination, *see* President's Commission on Assassination of President Kennedy.
Kennedy Space Center:
KSC lubricant testing program, 03606
Kennicott, Alaska:
copper, estimated costs to produce, 01372
Kenton County, Ky.:
soil survey report, 03748
Kentucky:
census of population—
characteristics of population, 00761
climatological data, 01736
county business patterns, 1972, 00059
electric rate book, 11509
first settlement commemorative postage stamp (poster), 10479
lithostratigraphy and depositional environments of Lexington limestone (Ordovician), 08616, 10089
precipitation data, hourly, 02107
registry of minority contractors and housing professionals, 00451-7
western coal field, Sturgis Formation (Upper Pennsylvanian), new map unit, 03408
Keogh, James:
nomination—
hearings, 09209
Kernel functions, *see* Equations.
Kerosene:
sales, 05603
Kerosine, *see* Kerosene.
Kerville Bus Co.:
motor carrier accident investigation report, 00537
Kestrel aircraft, *see* Aircraft.
Ketcham, Orman W.:
nomination—
hearings, 04195
Key Biscayne, Fla.:
Government expenditures on President Nixon's private properties, Presidential impeachment investigation, statement of information—
hearings, 09845
protection of the President, with information on protection of past President, GAO report, 06692
Khmer Republic:
agricultural commodities, agreement, 03783
refugee relief, agreement between United States and International Committee of the Red Cross, 11779
see also Cambodia.
Kidneys:
acute renal failure conference, proceedings, 11683
diseases, renal disease and hypertension, Public Health Service cooperative study, conference proceedings, 00360
end-stage kidney disease, hospital services for selected chronic patients, 07874
see also Artificial Kidneys.
Kilns:
Federal item identification guide, 03279
Kim, Sun H. K.:
relief, 00891, 02914, 11406

Kinetics:
development and preliminary application of an invariant coupled diffusion and chemistry model, 01390
second-order effects in kinetics of oil shale pyrolysis, 11071
trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
vibrationally excited hydrogen halides, bibliography on chemical kinetics of chemiexcitation and energy transfer processes, 10267
see also Chemical reactions.
King County, Wash.:
predicted effects of proposed navigation improvements on residence time and dissolved oxygen of the salt wedge in Duwamish River estuary, King County, Wash., 01261
King George County, Va.:
soil survey report, 10432
Kings County, Calif.:
ground-water pumpage, 07850
Kingsport, Tenn.:
waste source investigations, Holston Army Ammunition Plant, report, 07775
waste source investigations, report, 11491
Kingston, N.Y.:
area wage survey, 01359
Kirchoff laws:
curvature-corrected Kirchoff formulation for radar sea-return from near vertical, 10205
Kissinger, Henry A.:
nomination–
hearings, 00222-3
Kit Creek:
flood plain information, 06504
floods, 07701
Kitchen equipment:
kitchen hand tools and utensils, Federal item identification guide, 03282
Kitchen range, *see* Stoves.
Kitchen utensils:
kitchen hand tools and utensils, Federal item identification guide, 03282
Kitchens:
food safety in kitchen, 09663
Kites:
moored, Federal aviation regulations, 01947, 10888
Kits:
environmental realities, playing kit, 04268
Klamath Falls, Oreg.:
geothermal resources hearings, 05147
Klamath Forest National Wildlife Refuge:
addition to National Wilderness Preservation System–
objection, 06221
Klamath Indians:
consumer problems, call for action, 10054
terminating Federal supervision by purchase of all tribal lands held in trust–
law, 00108
Kleindienst, Richard:
nomination, hearings, 09209
Presidential impeachment investigation, statement of information–
hearings, 09098
Knit goods:
shipments of knit cloth, current industrial reports, 01847, 03946
Knobbs Creek:
flood plain information, 07694
floods, 06513
Knobs:
Federal item identification guide, 00268, 06422
Kohlberg, William H.:
nomination–
hearings, 01042
Kohoutek, *see* Comets.
Kommunist (periodical):
translations, 02661
Koocanusa Lake:
determination of aquatic primary productivity (photosynthesis) by carbon-14 light and dark bottle methods, 04463
Kopp, Eugene P.:
nomination–
hearings, 09209
Korea:
economic assistance, 1949-50–
hearings, 07498
economic trends and their implications for United States, 04532
foreign trade regulations, 05270
North–
background notes, 03765
translations, 02670
Republic–
agricultural commodities, agreement, 03775
background notes, 11247
loan of vessels, extension agreement, 05843
mineral industry, minerals yearbook chapter, 11618
South, map, 03960
synoptic meteorological observations, 11712
standardization and measurement services, survey, 06905
Kosanovic, Anka:
relief, 02917, 02966, 03116
Krasnoyarsk territory, Russian SFSR:
ice and thermal regime of reservoir in 1st operating years of Krasnoyarsk ges, USSR study, 03525
Kroll, Lester H.:
relief, 11368
KSC, *see* Kennedy Space Center.
Kuay Hong Chang, *see* Chang Kuay Ten.
Kuay T. Chang, *see* Chang, Kuay Ten.
Kuay Ten Chang, *see* Chang Kuay Ten.
Kuru:
Melanesian Journal, expeditions to study in west and east New Guinea, Solomon Islands etc., 06962
Kuwait:
new perspectives on arms sales–
hearings, 06297
Kyanite:
and related minerals, mineral industry survey, 05581, 08696

L

La Coruna, Spain:
summary of synoptic meteorological observations, 08175
La Crosse Boiling Water Reactor:
aerial radiological measuring system, 06025
La Grande, Oreg.:
special flood hazard information, 07707
Labels:
catalog of copyright entries, 01056
Federal standards, cancellation, 05377
look for that label, 05382
manufacturer's guide to Coast Guard label requirements, 08962
marking and labelling intermodal containers, conference proceedings, 01368
new look in food labels, 01232

564-800 O - 75 - 19

Labels–Con.
nutrition labels on food, we want you to know, 04422
recipes, wrappers, reasoning and rate, digest of first reading assessment, 10809
treated seed, labeling requirements under Federal seed act, 03836
LaBerge, Walker B.:
nomination–
hearing, 01017
Labor:
alien program in Guam–
hearings, 04130
characteristics of agreements covering 1,000 workers or more, 03539
code of Federal regulations, 00374, 01213
computerizing labor market information in Japan, communication, 09442
cooperation between labor and management (speech), 03535
current Federal workforce data, 10552
day care's effect on labor force participation of low -income mothers, study, 00291
immigrants and American labor market, 07956
international labor (periodical), 02174
labor force, migration, earnings, & growth, 07083
labor management case finder, FPM supplement, 01986
labor market impacts of private retirement system, 04033
labor psychology and esthetics, USSR study, 11560
man-hour output indexes, selected industries, 00526
monthly labor review, 02316–
reprint, 01361, 03541, 05557, 06808, 07950-1, 08683, 09439-44, 10164
National workers' compensation standards act of 1973, committee print, print additional copies–
report, 11418
North American Conference on Labor Statistics, selected papers, 04569
obtaining length of service data from job inventories, relative validity of 2 item formats, 05972
productivity and unit labor costs in 12 industrial countries, 05557
resident Indian population and labor force status, by state and reservation, March, 1973, estimates, 00459
small business and labor surplus area specialists designated to assist businessman, 05264
telephone system construction contract, labor, REA, 09603
work stoppages, 02792
years for decision, longitudinal study of educational and labor market experience of young women, 11038
see also Employment-Farm labor-Manpower-Migrant labor-Occupations-Seasonal labor.
Labor and Public Welfare Committee, Senate:
calendar, 02236
committee print, 00232-3, 01006, 01044, 07560, 09227-9, 09946-7, 09949-50, 09952-3
hearings, 00234-6, 01036-42, 01045, 04235-42, 05166-70, 06396-401, 07472, 07550-9, 07562-4, 09230-2, 09948, 09951, 10780-1
inquiries and investigatons, authorization and expenses, report, 09153
legislative activities, 93d Congress summary, 09952
report, 03130, 03156, 03167, 03218, 03223, 03237, 06339-40, 08461, 09892, 09896, 10723, 10728, 10737, 10739, 10742, 11432
Labor consultants, *see* Consultants.
Labor Department:
annual report, 01350, 08681
appropriations, 1974–
hearings, 01011-2, 05112-4, 06364
law, 06160
report, 00992, 03077, 04077, 06322
supplemental, hearings, 06367
supplemental, proposal, 06220
appropriations, 1975–
hearings, 09807-9, 10678
Assistant Secretary for Manpower, nomination of William H. Kolberg–
hearing, 01042
Assistant Secretary for Occupational Safety and Health, nomination of John H. Stender–
hearing, 01042
Assistant Secretary for Policy Evaluation and Research, nomination of Abraham Weiss–
hearings, 10781
black news digest, 01682
disabled Federal employees, need for faster way to pay compensation claims, GAO report, 06690
general information, 1579
goals of Labor Dept. and pending labor legislation (remarks), 06795
Library, list of recent additions, 02583
noticias de la semana, news summary for Hispanos, weekly, 02387
occupational safety and health act President's report, 08186
position-classification standards, wage and hour compliance series, 00801
press release, 02476
publications, list, 02367
reemployment assistance for engineers, scientists, and technicians unemployed because of aerospace and defense cutbacks, GAO review, 06693
Secretary of Labor's report on impact of energy shortages on manpower needs, 09451
slow progress likely in development of standards for toxic substances and harmful physical agents found in workplaces, 01245
women & work, news service, 02790
Labor force, *see* Labor.
Labor laws:
Federal labor laws, administered by Wage and Hour Division with regulations and interpretations, 01969, 11283
goals of Labor Dept. and pending labor legistation (remarks), 06795
National Commission on State Workmen's Compensation Laws, supplemental studies, 04654
Labor Legislation, *see* Labor laws.
Labor management procedures, *see* Industrial relations.
Labor management relations, *see* Industrial relations.
Labor management relations act, *see* Industrial relations.
Labor markets, *see* Labor.
Labor organizations, *see* Labor unions.
Labor relations, *see* Industrial relations.
Labor standards:
Fair labor standard act–
elementary and secondary schools, 05906

Labor standards—Con.
minimum wages and maximum hours standards, 06486
Fair labor standards act, amend—
background material, 00232
changes, 09946
law, 10570
proposal, 01044
report, 09773, 09890, 10637
veto message, 06214
public contracts acts incorporating labor standards provisions, list of persons or firms currently debarred for violations, 01798
Puerto Rico, application of Fair labor standards act—
hearings, 10691
records to be kept by employers under Fair labor standards act, 08265
Labor Statistics Bureau:
BLS pilot survey of training in industry, 09440
bulletin, 00523-30, 01352-60, 03537-9, 04564, 06797-807, 07941-9, 08682, 10163, 11026-8, 11580-4
Commissioner, nomination of Julius Shiskin—hearings, 01037
report, 01362, 04565-6, 06809, 07952, 11586
Labor statistics, North American Conference on, *see* North American Conference on Labor Statistics.
Labor surplus, *see* Unemployed.
Labor turnover:
manufacturing quit rates revisited, 08683
teacher turnover in public schools, 07668
Labor unions:
Federal labor relations programs, 06108
joint labor management trust funds for legal services, authorize, 00105
women in labor unions, 03541
see also Collective bargaining.
Laboratories:
clinical laboratory procedure, hematology, 07155
educational laboratory and research and development center programs need to be strengthened, GAO report, 06678
estimating laboratory needs for municipal wastewater treatment facilities, 07093
Gorgas Memorial Laboratory, Institute of Tropical and Preventive Medicine, 08353, 08405
interlaboratory comparison of chemical analysis of uranium mononitride, 08733
interlaboratory comparison of pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, evaluation, 06044
laboratory methods in anaerobic bacteriology, CDC laboratory manual, 07290
laboratory preparation of artificial sea and salt ice, 08537
nuclear medicine laboratory, general information, 10392
proficiency test assessment of clinical laboratory capability in United States, 08092
sharing, centralization, and consolidation of health facility laboratories and related diagnostic services, annotated bibliography, 04488
standards laboratories, directory, 03629
survey of field laboratories of Bureau of Reclamation, 03726
turbulence data from laboratory flumes, summary, 06706
Laboratory apparatus and supplies:
analyzers and testers, laboratory, Federal item identification guide, 04323, 07631
laboratory aids and devices, Federal item identification guide, 05258
laboratory vessels, adapters, and connectors, 05259
see also Scrubbers.
Lacquer and lacquering:
current industrial reports, 01846
Lading and unlading:
failure analysis of helicopter external cargo-handling systems, 00040
Lafayette, La.:
flood plain information, 06511
floods, 06521
Lag (delay), *see* Time delay.
LaGrande River:
hydraulic model studies, LG-2, LaGrande complex development, 08826
Lahontan Reservoir:
water quality data from Truckee and Carson Rivers, Pyramid Lake, and Lahontan Reservoir, working paper, 08559
Lake Charles, Ark.:
for the fun of it and then some, 07124
Lake County, S. Dak.:
soil survey report, 10431
Lake Earl, Calif.:
preurbanization reconnaissance study of sand dunes and water quality, 07859
Lake El Reno, Okla.:
for the fun of it and then some, 07124
Lake Erie Technical Committee:
summary of presentation for nutrient removal treatment processes, 07818
Lake Fuqua, Okla.:
for the fun of it and then some, 07124
Lake Mead, *see* Mead, Lake.
Lake Michigan, *see* Michigan, Lake.
Lake Oahe, *see* Oahe, Lake.
Lake Ontario Ordnance Works:
and vicinity, aerial radiological measuring survey, 00747
Lake Placid, N.Y.:
winter olympics site for 1980—hearings, 11401
Lake Sonoma project:
mercury-hazard potential, 07857
Lake States, *see* Great Lakes States.
Lake Sullivan, Ind.:
for the fun of it and then some, 07124
Lakes:
data on selected lakes in Washington, 04462
measures for restoration and enhancement of quality of freshwater lakes, 01177
pay-lake profits, fishermen expectations, 06664
principal lakes of world, 05697
protocol for evaluating nitrogen status of lake sediments, 07730
Lakes, Land Between, *see* Land Between the Lakes.
Lamar County, Miss.:
analysis of aquifer response for Sterling event, Tatum dome, 04892
Lamb:
in family meals, guide for consumers, 05941
Lambs:
docking, castrating, and ear tagging, 05945
on feed, early lamb crop, 08244-5
Laminar boundary layer, *see* Boundary layer.
Laminar flow, *see* Flow.
Laminated materials:
fiber composite laminates, non-linear behavior, 09479
flight-type laminar radiator with Brayton power system, 08738
laminated cylindrical shells analysis, 10260

Laminated materials–Con.
structural glued laminated timber, 06925
Lamps:
Federal item identification guide, 05214
Lancaster, Pa.:
railroad accident investigation summary report, 03731
Land:
acquisition for public airports, Federal aviation regulations, 01951
advance acquisition of land program, HUD handbook, 10119
agriculture, rural development and use of land, papers, 09908
beef cattle production potential of set-aside land, 05281
buying lots from developers, 06714
conservation needs inventory for land resource planning, 00638–
Big Horn County, Mont., 03740
Daniels County, Mont., 03741
Meagher County, Mont., 07035
Sheridan County, Mont., 00638
Valley County, Mont., 03742
Wheaton County, Mont., 03743
effects of land use and retention practices on sediment yields in Stony Brook basin, New Jersey, 09345
environment, new focus for land-use planning, 06992
farming in the city's shadow, 05928
jurisdiction of submerged lands, Guam, Virgin Islands, American Samoa, establish–
hearings, 09081
Land and water conservation fund act, amend–
law, 00098
report, 11430
land and water resource accomplishments, Federal reclamation projects, 01539
land management for non-game birds, 10426
land management for wild turkeys in Alabama, 05801
land use and environment, anthology of readings, 07727
land use planning act–
hearings, 10702
report, 09763, 10664
land use planning assistance through United States Department of Agriculture, 05943
Land use policy and planning assistance act–
report, 00191
major uses of land in United States, 11293
national park system, land acquisition appropriations–
report, 06332
National resource lands management act–
report, 09905
providing for conveyance of certain mineral rights in and under lands in Onslow County, N.C.–
law, 04027
recycling municipal sludges and effluents on land, 11485
resources–
Federal reclamation projects, 01539, 03719, 05769-70
lower Colorado region comprehensive framework study, 01533, 03699-712
North Atlantic regional water resources study, 01505-28, 03694
Santee River basin, North Carolina, South Carolina, 10429
vector and vector-borne disease problems, 07294
seismic hazards and land-use planning, 10942
selected land use control policies for air quality management, 08540
soil conservation (periodical), 02599
south Dade County, Fla., information, 00471
State and privately owned, fire protection within National forest areas, 09333
State land use programs, regulations of 8 States and survey of 50 States, 08496
surface-mined, restoring, 04785
survey of facilities using land application of wastewater, 08268
Uniform relocation assistance and real property acquisition policies act of 1970, amend–
report, 09031
use of small-scale photography in land resources use classification, 08734
use planning, 08587, 09331
wastewater treatment and reuse by land application, 01161-2
who owns America's land, problems in preserving rural landscape (address), 07657
wildland shrubs, their biology and utilization, international symposium, 03395
see also Natural resources–Public lands–Soil conservation.
Land banks, *see also* Federal land banks.
Land Between the Lakes:
summer and fall wildflowers, 03804
Land Management Bureau:
annual fire report, 04570
press releases, 02477
Land mines, *see* Mines (ordnance).
Land policy, *see* Land.
Land tenure:
farmland tenure patterns in United States, 05927
Land vehicles, *see* Vehicles.
Landfills, *see* Sanitary fills.
Landing (aircraft)
approach and landing accident prevention forum, special study report, 08806
display concepts for pilot monitoring and control of space shuttle approach and landing, simulator evaluation, 08032
externally blown flap STOL aircraft, typical approach and landing simulator study, 11661
facsimile-camera response to radiant point sources in imaging planetary lander sites, 05622
fixed-base simulation study of decoupled controls during approach and landing of STOL transport aircraft, 08053
fixed-base simulation study of 2 STOL aircraft flying curved, descending instrument approach paths, 03599
flight investigation of approach and flare from simulated breakout altitude of subsonic jet transport and comparison with analytical models, 11139
flight results from study of aided inertial navigation applied to landing operations, 03600
landing-dynamics computer program for legged spacecraft landers, experimental validation, 08050
landing performance of air-cushion landing system installed on 1/10-scale dynamic model of C-8 Buffalo airplane, 00552, 06861
landing rates for mixed STOL and CTOL traffic, 11667

Landing (aircraft)–Con.
microwave landing system, national plan for development, 11503
minima for landing aircraft, USSR study, 10988
national plan for development of microwave landing system, 11272
nuclear instrument landing system for aircraft, 06049
optical analysis of compound quasi-microscope for planetary landers, 10237
simulation of decelerating landing approaches on externally blown flap STOL transport airplane, 11122
slant range visibility measurement for aircraft landing operations, 11785
standard instrument approach procedures, FAA regulations index, 10505-6
standard instrument approach procedures, Federal aviation regulations, 01952
Landing (spacecraft), *see* Spacecraft.
Landing fields, *see* Aviation fields.
Landing gear:
landing-dynamics computer program for legged spacecraft landers, experimental validation, 08050
Landing strips, *see* Runways (aeronautics).
Landlords and tenants:
military tenant in Germany, 10510
Landmarks, *see* Historic sites.
Landscape:
who owns America's land, problems in preserving rural landscape (address), 07657
Landslides:
general information, 08614
Langley Research Center:
loading and heating of large flat plate at Mach 7 in Langley 8-foot-high temperature structures tunnel, 01404
Language and languages:
bilingual education, health, and manpower programs–
hearings, 07552
language is for communication, caring for children, 07302
see also Programming languages.
Lansing, Mich.:
current housing market situation, 10902
Laos:
admission of one Laotian student to Military Academy, West Point, permit hearings, 11395
economic trends and their implications for United States, 09381
gazetter, official standard names, 08608, 09343
military activities in and over, inquiry resolution–
hearings, 09052
refugee relief, agreement between United States and International Committee of the Red Cross, 11779
relief and rehabilitation of war victims in Indochina–
hearings, 05160
Lard:
livestock slaughter, lard production, 10447
Larvae:
larval fish counter, 11796
role of behavior in dispersal of newly hatched gypsy moth larvae, 06667
LASCOT (large screen color television system), *see* Television.
Laser beams:
log-intensity correlations of laser beam in turbulent medium, 04829
Laser radar, *see* Radar.
Lasers:
and communications, USSR study, 08653, 09426
automatic two-coordinate system for checking position of target by light beam, USSR study, 09395
diagnostics of dense laser plasmas and superdense hot plasmas, USSR study, 07911
electromagnetic field in laser resonator, 11203
estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
gas dynamic CO2 laser, design, amplification factor, USSR study, 05511
health-related laser characteristics for selected applications in United States, 09597
LASCOT, large screen color television system, 07226
laser centering detector, 02848
laser Doppler velocimeter, turbulence measurements in pipe flow, 08714
laser induced damage in optical materials, 06912
laser technology, survey, 04618
molecular gas lasers, nuclear pumping, USSR study, 00509
optics of ocean and atmosphere, USSR study, 03499
parameters and dynamics of laser plasma, USSR study, 06773
parametric thermodynamic analysis of closed-cycle gas-laser operation in space, 11142
seeded gas laser heated thrusters and related system components, 08035
stereomatrix 3-D display system, 07225
stimulated coherent radiation devices, lasers, industrial plant equipment handbook, 05203
thermodynamic analysis of axial-flow laser-power thruster, 09497
transverse excited atmospheric lasers, investigation, 04822
unlimited possibilities of use during 1974, USSR study, 08640
Latex:
wastewater, air flotation, biological oxidation of synthetic rubber, 06564
Latin America:
Andean integration movement, 05819
housing and urban development in Latin America, comparative construction costs in Latin American countries, 05450
Latin American series, 03546
military expenditures, 1967-71, 03768
trade preferences with special tariff treatment–
hearings, 09075
translations, 02666
world trade outlook, 03300
Latin Americans in United States:
Latino mental health–
bibliography and abstracts, 09538
literature review, 11685
Latitude:
dependency of high latitude spread-F occurrence on solar and magnetic activity, 06125
stratospheric ozone density distributions in meridional plane, two-dimensional theoretical model, 06977

Latitude–Con.
32°N, winter anomalous radio wave absorption days, 04827
Lattice theories:
computer program for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
computing static deflections of structural cable arrays, 08174
rapid iterative reanalysis for automated design, 03605
stiffness matrix reduction for large structural systems using Cholesky decomposition, 09984
Launch vehicles, *see* Spacecraft.
Launching:
angular momentum and aircraft-store separation problem, 05733
Laundries, *see* Laundry and laundries.
Laundry and laundries:
home laundering, soaps and detergents, 04780
textile maintenance industry, modular wastewater treatment system demonstration, 10842
Laundry machines:
laundry- and dry cleaning equipment, Federal item identification guide, 03273
Laundry waste, *see* Waste products.
Law:
current laws, statutes and executive orders, Environment Protection Agency, 04357
drug use in America, problem in perspective, legal system and drug control, 01367
Federal laws, regulations, and material relating to Federal Highway Administration, 08562
impeachment–
concept of impeachable offense, 10156
history of provisions of Constitution on impeachment, 10157
legal aspects, historical statements on executive privilege and impeachment, 10159
legal aspects, judicial review of impeachment convictions, 10160
legal aspects, overview, 10158
JAG law review, 02189
joint labor-management trust funds for legal services, legislative history, 09949
Judge Advocate legal service, Army pamphlets, 02200
law and legal literature of Mexico, revised guide, 03546
legal proceedings, testimony by FAA employees and production of records, and service of legal process and pleadings, FAA regulations, 10889
legality of executive impoundment of appropriated funds, Comptroller General's opinion, 07538
mining and petroleum laws of the world, summary, Africa, 08692
patant law revision–
hearings, 07545
proposals to eliminate legal barriers affecting elderly Mexican-Americans, working paper, 09180
rule of law in international economic affairs, 08234
rules of road rated, 01450
slip law (private), 93d Congress, 00088-90, 00829-40, 02908-34, 04978-82, 06148, 08988-09003, 09728-31
slip law (public), 93d Congess, 00091-112, 00841-7, 02509, 02935-55, 03999-04029, 04983-05000, 06149-98, 07365, 08338-46, 09004-6, 09732-34, 10562-90, 11350-354
State constitutional provisions and selected legal materials relating to public school finance, 06482
State laws enacted in 1972 of interest to Housing and Urban Development Department, 10979
State veterans' laws, digest, 09968
traffic laws commentary, 01450
United Kingdom and Ireland, classification, Library of Congress, 08685
veterans benefits, 09124
see also Codes of law–Criminal law–Judge Advocate General, Army–Maritime law–Military law–Space law–Statutes.
Law Day:
address, Federal Trade Commission's role in policing the market will assist in keeping competition vigorous (address), 10055
Law enforcement:
abstracts of grants, contracts, and interagency agreements, 04551
alcohol and tobacco summary statistics, law enforcement, 04812
batteries used with law enforcement communications equipment, chargers and charging techniques, 05547
career development for law enforcement, 00513
discretionary grant programs, guide, under Omnibus crime control and safe streets act, 11577
drug enforcement efforts, proposal to strengthen, 10596
emergency medical services, crash injury management for traffic law enforcement officers–
course guide, 01448
instructor's lesson plans, 06943
student study guide, 01449
enforcement decisions in aviation and marine cases, 08161
enforcement economics in air pollution control, 10859
enforcement procedures, FAA regulations, 10011
field surveillance and enforcement guide to primary metallurgical industries, 06578
field surveillance and enforcement guide, combustion and incineration sources, 05961
financial management for planning and action grants to combat crime, 08675
Law Enforcement Assistance Administration projects to reduce crime, difficulties of assessing results, GAO report, 08603
law enforcement standards program LESP-RPT series, 05547-8
library book catalog–
periodicals catalog, 10161
title catalog, 05550, 10162
national survey of court organization, 05551
officers' bill of rights, establish in each State–
hearings, 04128
public safety officers benefits–
report, 10652
retirement benefits, improve for certain personnel–
report, 02990, 03009
search and retrieval, service that pinpoints sources of law enforcement information, 04561
State traffic records systems design manual, standard data elements and coding, 00569

Law enforcement–Con.
technical terms and definitions used with law enforcement communications equipment, 05548
Law Enforcement Assistance Administration:
annual report, 05549
Discretionary grant programs, guide, under Omnibus crime control and safe streets act, 11577
federally supported attempts to solve State and local court problems, more needs to be done, GAO report, 10080
grants and contracts, 10155
internship program, 10154
LEAA newsletter, 02206
LEAA news release, 02205
library book catalog–
author catalog, supplement, 04558
author catalog, 08676
periodicals catalog, 10161
subject catalog, supplement, 04559
title catalog, 05550, 10162
prescriptive package series, 09431-34
projects to reduce crime, difficulties of assessing results, GAO report, 08603
reduce crime in Minnesota, administration of program, 05413
research series, 08678-80
Lawns:
better, establishment, maintenance, renovation, lawn problems, grasses, 07114
Lawrence County, Ohio:
floods, 11468
Lawrence, Mass.:
area wage survey, 07946
Laws, see Congress of United States–Labor laws–Law–Statutes at large.
Lawson, Hazel W.:
relief, 00861, 02923, 03120
Lawyers:
Army lawyer (periodical), 01658
joint labor management trust funds for legal services, authorize–
law, 00105
legal fees, effect on adequacy of representation–
hearings, 08499-500
Laysan Island, Hawaii:
natural history, 08835
Lea County, N. Mex., soil survey report, 09613
LEAA, *see* Law Enforcement Assistance Administration.
Leaching:
iron oxide superconcentrates by caustic leaching, 05600
reactions of copper sulfide with chlorine in aqueous system, 03569
sulfuric acid leaching kinetics of chalcopyrite, initial-state, using radiochemical techniques, 07994
Lead:
emission study of industrial sources of lead air pollutants, 00025
industry, mineral industry survey, monthly, 02207
motor gasoline lead additive regulations, impact on petroleum refineries and energy resources, 08548
primary lead metal from Australia and Canada, Tariff Commission report, 07077
recovery of zinc and lead from brass smelter dust, 11067
see also Lead poisoning.
Lead poisoning:
airborne lead, EPA's position on health effects, 10847
lead and air pollution, bibliography, 06581
lead hazard elimination, paint removal systems, 08759
Lead-based paint poisoning prevention act–
amend, law, 04008
amend, report, 04048, 04055
limit lead in gasoline–
hearings, 09199
minerals yearbook chapter, 09461
pre-test of survey plan fpr estimating incidence of lead based paint, report, 08096
watch out for lead paint poisoning, 11556
Leadership:
human behavior and leadership, 00603
human rights in world community, call for U.S. leadership, 08389
specialist projects directory, 08156
Leading edge, *see* Airfoils-Wings (aircraft).
Leafhoppers:
elm, annotated list, 08595, 10071
transmission of western aster yellows agent to potato and carrot in eastern Washington, 10491
Leakage:
transport analysis of measured neutron leakage spectra from spheres as tests of evaluated high-energy cross sections, 05632
Leaks:
monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage, 09690
Learning:
center operations, survey of present state-of-the-art, 09677
conditions for learning, caring for children, 07301
factors related to developing instructional information sequences, 08884
geophysical anomalies, discrimination with aid of self-learning filters, USSR study, 05522
information recording mechanism in nervous system, USSR study, 11006
reception of distorted speech, 08901
restructuring undergraduate learning environment, proposal, preparation guide, 08795
science, materials and instruction development, pre-college, proposals, guide for preparation, 08789
Leases:
Defense Department, Falls Church, Va. facility, renewal–
hearings, 07571
final environmental statement for geothermal leasing program–
comments from Federal, State local and individual interests, 01309
promulgation of leasing and operating regulations for geothermal leasing program, 04503
proposed leasing and operating regulations, comments and responses, 03438
final environmental statement for prototype oil-shale leasing program, 01310-3
hydrocarbon lease bonus bids in Gulf of Mexico, nomograph for estimating, offshore petroleum studies, 01373
long-term contract leases for forest land and timber in South, 05405
machinery leasing practices of Defense Department–
report, 04050

Leases–Con.
Mineral leasing act, amend for trans-Alaska pipeline right,of-way–
hearings, 11436
law, 06152
report, 02980, 03076
offshore investigations of producible shut-in oil and gas leases, 09305
Outer Continental Shelf oil and gas general lease sale, offshore Texas, 1974 proposal, 10165
proposed 1974 Continental Shelf, oil and gas general lease sale, offshore Texas, 11588
public land coal leasing policy–
hearings, 00136
SBA lease guarantee, 05784
Least squares:
analysis of rolling motion of finned missiles at large angles of attack, 05729
position of satellite with respect to magnetosphere of earth, 05737
Leather, hides and skins:
Federal item identification guide, 04307
Leave of absence:
administration of Federal employee leave system–
law, 06157
report, 02984, 03214
Federal prisoners furlough, extend limits–
hearings, 04126
Government officials and employees, FPM supplement, 01993, 06111
uniformed services, travel and transportation allowance to certain members in connection with leave, authorize–
law, 06176
uniformed services–
travel and transportation allowance to certain members in connection with leave, authorize, report, 03239
Leavenworth Penitentiary:
inspection of Federal facilities–
report, 09844
Leaves:
foliage plants, production and sales, 11253
Lebanon, Oreg.:
flood plain information, 06510
floods, 06520
Lebanon:
cooperation in combating illicit international traffic in narcotics and other dangerous drugs, grant of equipment and commodities, agreement, 03778
Leeba, Joseph C.:
relief, 00871, 02924
Leelanau County, Mich.:
soil survey report, 00649
Legal aid:
prison inmate legal assistance, cases and materials, 07939
Legal documents, *see* Law.
Legal literature, *see* Law.
Legal procedures, *see* Law.
Legal services, see Law–Lawyers.
Legal Services Corporation:
establish–
report, 10741, 11385
Legal Services Corporation, National, *see* National Legal Services Corporation.
Legislation:
areawide water quality management, suggested representative or model legislation, 10000
constitutional immunity of Members of Congress, legislative role of Congress in gathering and disclosing information–
hearings, 05002
consumer legislative monthly report, 01811
general pollution control–
legal compilation, statutes and legislative history, executive orders, regulations, guidelines and reports, 07772
housing and urban development legislation–
hearings, 01019
international treaties and legislation involving American patents and trademarks (address), 10369
legislating for Nation's Capital, District of Columbia Committee, Senate, 93d Congress, 1st session, 10766
legislative authority of Federal agencies with respect to fuels and energy, analysis, 04213
legislative history of Crime control act of 1973, index, 05546
major legislative action of House Education and Labor Committee–
summary, 93d Congress, 1st session, 10694
selected, relating to handicapped, 1972, summary, 00446
Legislative appropriations, *see* Appropriations.
Legislative bodies:
population tabulation plan for State legislative apportionment–
hearings, 07441
Virgin Islands, filling of vacancies, provide–
law, 00846
report, 00911, 00994
Lehrs, *see* Glass furnaces.
Lending operations, *see* Loans.
Length-of-service, *see* Labor.
Lenin and State Prizes Committee:
research projects accepted for competition, 10993
Leninism, *see* Communism.
Lennon, James:
relief, 11370
Lens grinders:
ophthalmic laps and lenses, Federal item identification guide, 06427
Lenses:
ophthalmic, Federal item identification guide, 06427
Lepidoptera:
systematic monograph of new world Ethmiid moths (Lepidoptera: Gelechioidea), 00630
see also Butterflies.
Lesotho:
boundary, study, 07047
Letters:
managing correspondence–
form and guide letters, 08751
plain letters, 08752
private express statutes and their administration, 07090
Leveling instruments, *see* Levels.
Levels:
gyro-less wing leveler and directional autopilot, 08729
indicating levels, Federal item identification guide, 04322
Levy County, Fla.:
coastline, floods, 11465
Lewis and Clark Expedition:
Lewis and Clark, brief account of their expedition, 06810

Lewis, Bernard:
testimony–
hearings, 08489
Lewis, Meriwether:
Lewis and Clark, brief account of their expedition, 06810
Lexington limestone, *see* Limestone.
Libby Reregulating Dam:
Kootenai River, Mont., Columbia River and tributaries, power installation , engineers report–
departmental edition, 01108
document edition, 00958
Liberia:
economic trends and their implications for United States, 10146
map, 07295
Omega navigational station, agreement, 03773
Liberty of speech:
strict regulation versus democratic freedom of speech in regulation communication media (address), 05349
Librarians:
Librarians in Veterans Administration hospitals, 05901
vacancy roster, Federal Government libraries, 02027
Libraries:
acquisitions responsibilities of the 3 U.S. national libraries, 03544
cooperative agreements & arrangements among 3 U.S. National Libraries, 03623
depository libraries, list, 02310.
Federal Government–
roster of libraries and vacancies, 02027
library statistics of colleges and universities, analytic report, 01090
medical catalogers, notes, 06966
medical libraries assistance programs, extend–
hearings, 00143
report, 08358-9, 09892
new serial titles–
classed subject arrangement, 02370
union list, alphabetical arrangement, 02371
school library media field, manpower survey, education professions, 1971-72, annual report, 04346
State and local environmental libraries, directory, 01190
USOE and library role (address), 07669
Libraries and Information Science, National Commission on, *see* National Commission on Libraries and Information Science.
Library accessions:
Adjutant General's Office, Army Library, 02581
Bangladesh, American Libraries Book Procurement Center, New Delhi–
cumulative list of serials, annual supplement, 08684
Eastern Africa, Library of Congress National Program for Acquisitions and Cataloging, Nairobi, Kenya, 01596
Foreign Affairs Research Documentation Center, monthly list, 02036
foreign building and housing publications accessions list, 04494
foreign publications accession list, HUD, 01291
India, American Libraries Book Procurement Center, New Delhi, 01597–
cumulative list of serials, annual supplement, 04572
Indonesia, Malaysia, Singapore and Brunei–
Library of Congress National Program for Acquisitions and Cataloging, Djakarta, 01598, 11030
Israel, American Libraries Book Procurement Center, Tel-Aviv, 01599
Labor Department Library, 02583
Middle East, American Libraries Book Procurement Center, Cairo, 01600
Nepal, American Libraries Book Procurement Center, New Delhi, 05558
Pakistan, American Libraries Book Procurement Center–
Karachi, 01601
Dacca, 03543
Sri Lanka, American Libraries Book Procurement Center, New Delhi, 07953
Library and Information Sciences, White House Conference on, *see* White House Conference on Library and Information Sciences.
Library Committee, Federal, *see* Federal Library Committee.
Library Joint Committee:
committee print, 10716-7
Library of Congress:
Bangladesh, American Libraries Book Procurement Center, New Delhi, 08684
Eastern Africa, National Program for Acquisitions and Cataloging, Nairobi, Kenya, 01596
India, American Libraries Book Procurement Center, New Delhi, 01597, 04572
Indonesia, Malaysia, Singapore, Brunei, National Program for Acquisitions and Cataloging, Djakarta, 01598, 11030
Israel, American Libraries Book Procurement Center, Tel-Aviv, 01599
Middle East, American Libraries Book Procurement Center, Cairo, 01600
National Program for Acquisitions and Cataloging, Djakarta, 01598
Nepal, American Libraries Book Procurement Center, New Delhi, 05558
Pakistan, American Libraries Book Procurement Center, Karachi, 01601, 03543
Sri Lanka, American Libraries Book Procurement Center, New Delhi, 07953
acquisitions responsibilities, 03544
Africana acquisitions, report of publication survey trip to Nigeria, Southern Africa, and Europe, 01363
annual report–
departmental edition, 09447
document edition, 09019
cataloging service bulletin, 01706
catalogs–
books, subjects, 02241, 08686
dictionary, subject headings used, supp., 02623
motion pictures and filmstrips, 02242
national union catalog, author list, 02348
national union catalog, manuscript collection, 11033
circulars, 00248-9, 01057-9, 03250-2, 05190-2, 06409, 07582-6
classification, additions and changes, quarterly list, 02203–
class A, general works, 05559
class K, subclass KD, law of United Kingdom and Ireland, 08685
cooperative agreements & arrangements among three U.S. National Libraries, 03623

Library of Congress–Con.
Government publications, non-GPO imprints received, 1972 selective checklist, 01364
Harkness collection, manuscripts concerning Mexico–
selected transcriptions and translations, guide, 11031
information bulletin, 02243
National Program for Acquisitions and Cataloging, accessions list–
Eastern Africa, 01596
Indonesia, Malaysia, Singapore and Brunei, 01598, 11030
panoramic maps of Anglo-American cities, checklist, 08687
PL 480 newsletter, 02244
police force, provide salary increases–
law, 04022
report, 03069, 03134
Public law 480 project, accessions list–
Bangladesh, cumulative list of serials, annual supplement, 08684
India, cumulative list of serials, annual supplement, 04572
India, 01597
Middle East, 01600
Nepal, 05558
Pakistan, 01601, 03543
Sri Lanka, 07953
quarterly journal, 02519
register of papers, Schoolcraft, Henry Rowe, 06811
specifications for microfilming of books and pamphlets, 01366
treasure maps and charts, descriptive list, 09448
Library science:
library and information sciences, weekly Government abstracts, 02773
Libya:
chronology of oil negotations, 07497
mineral industry, minerals yearbook chapter, 09463
License plates, *see* Automobile license plates.
Licenses:
abstracts of state day care licensing requirements day care centers, 00788
Broadcast license renewal act–
hearings, 04119-20
report, 08366, 10655
export licenses approved and reexports authorized, list, 01926
fee licenses issued for month, 02012
Government inventions for licensing, weekly Government abstracts, 02771
licensees, permittees, veterinary biological products, 03897
U.S./U.S.S.R. technology transfer–
observations (remarks), 08327
role of industrial property rights protection (remarks), 07335
U.S., U.S.S.R. technology licensing prospects,, 00812
see also Patents.
Lichomolgus, *see* Copepods.
Lidar, *see* Radar.
Liddy, G. Gordon:
consideration of subcommittee report, 06274
proceedings against–
report, 04051
Liechtenstein:
background notes, 11774
Life:
attitude toward life of our nation's students, 04350, 05292
life in coastal waters, effects of salinity and salinity changes, annotated bibliography, 01143
Skylab experiments, living and working in space, information for teachers, 04614
Life insurance:
digest of health and insurance plans, 05556
digest of selected health and insurance plans, 01881
Federal employees group insurance, FPM manual supplement, 01989
Federal employees' group life insurance programs, Government payment of all costs–
hearings, 09106
industry wage survey, 00529
industry–
hearings, 07542, 09223
information about conversion and premiums rates for national service life insurance, 05904
National Guard members pay allotments from group life insurance premiums–
report, 09893
national service information and premium rates, V and H policies, 05903
retirement, life insurance, and health benefits program, Dec. 1972, benefit comparisons and cost projections, 00155
review of veterans' insurance programs–
hearings, 04150
servicemen's group life insurance, for reserve and national guard–
hearings, 09190
U.S. nationals employed outside United States by Federal Government, extend coverage–
law, 04014
report, 03211
Life insurance companies:
industry investigations–
hearings, 07543
underwriting significance of hypertension for life insurance industry, 06941
Life on other planets, *see also* Extraterrestrial life.
Life sciences:
skylab experiments, 00549
Life support systems:
space biology problems–
mathematical models of biological life support systems, 06899
space biology, resistance of biological systems, problems, 03622
Life tables:
vital statistics of U.S., 1970,, 08763
Lift (aerodynamics):
aerodynamic influence coefficient method using singularity splines, 09483
flight evaluation of HL-10 lifting body handling qualities at Mach numbers from 0.30 to 1.86, 08071
helicopter gross weight and center of gravity rotor lift measurement system, 06021
highly underexpanded sonic jet pressure entrainment from flat plate into subsonic crossflow, 05615
jets blown over wing, exploratory investigation of effects on lift, 06870
supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
use of thick-airfoil theory to design airfoil families with thickness and lift varied independently, 10246
see also Direct lift controls.

Lifting:
buoyant tornado-probe concept incorporating inverted lifting device, 04621
Lifting body vehicle, *see* Spacecraft.
Light:
automatic two-coordinate system for checking position of target by light beam, USSR study, 09395
bioeffects thresholds for various spectral ranges of light, review, 08189
emitting diode testing and analysis, 02851
in hardwood forest openings, 04440
output of installed in-pavement lighting fixtures, evaluation of portable photometer to measure, 11260
see also Hydrooptics.
Light water reactors, *see* Reactors (atomic).
Lighting, *see* Lights and lighting.
Lighting fixtures:
electric lighting fixtures, current industrial reports, 02873
Lightning:
lightning protection documentation, 07008
lightning-induced voltages in aircraft electrical circuits, 08028
suppression by chaff seeding, 10323
Lights and lighting:
automotive lighting components, photometric data variability, 09524
Coast Guard list–
Pacific Coast and Pacific Islands, 04962
obstruction marking and lighting, 07787
omni-directional illumination for printed circuit board inspection, 02850
portable photometer to measure light output of installed in-pavement lighting fixtures, evaluation, 11260
sound and light performance system for east front of Capitol, gift of Capitol Historical Society, feasibility study–
hearings, 08429
law, 06183
report, 03099, 06338
turn off unnecessary lights, save energy (poster), 09722
see also Lighting fixtures.
Lignite:
bituminous coal and lignite mine openings and closings, mineral industry surveys, 11396
consolidation synthetic gas pilot plant, design and construction Rapid City, S.Dak., 07316
laboratory determination of factors affecting storage of North Dakota lignite, computer simulation of spontaneous heating, 11637
See also Coal.
Lime:
disinfection of sewage bacteria at low temperature, 04368
lime/limestone sludge disposal options, evaluation, 10848
mineral industry survey, monthly, 02246
mineral industry surveys, 08697
minerals yearbook chapter, 10192
National Lime Association, safety competition awards, 06830
Limestone:
dry limestone injection, full-scale desulfurization of stack gas, 06554-6
effects of jointing and bedding separation on limestone breakage at reduced scale, 11635
EPA alkali scrubbing test faciltiy, sodium carbonate and limestone test results, 01160
lime/limestone sludge disposal options, evaluation, 10848
lithostratigraphy and depositional environments of Lexington limestone (Ordovician) of central Kentucky, 08616, 10089
plugs for mine openings, laboratory study, 05329
Rabbit Hill, paleontology and stratigraphy, central Nevada, 04475
regenerative pressurized fluidized-bed combustion process, evaluation, 10837
Limestone County, Alabama:
forest inventory statistics, 11795
Limnology:
Big Bear Lake limnolcgical studies, 07854
Lincoln National Monument:
inscribe names of Alaska and Hawaii on walls with other 48 States–
report, 06331
Line spectra, *see* Spectral lines.
Linear accelerators, *see* Accelerators.
Linear equations, *see* Equations.
Linear programming:
application of linear programing technique to nonlinear minimax problems, 06860
decoupling in linear time-varying multivariable systems, 05629
multiple regression technique for Pth degree polynomials with and without linear cross products, 08726
round-off errors in cutting plane algorithms based on revised simplex procedure, 05628
sawmill manager adapts to change with linear programming, 05406
Linear systems:
automatic interaction detector-version 4(AID)-4, reference manual, 07142
compensation based on linearized analysis for six-degree-of-freedom motion simulator, 05617
computer program for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
decoupling in linear time-varying multivariable systems, 05629
linerar theory of hydrologic systems, 05954
local linearization algorithm for integration of quaternion rate equations in real-time flight simulation problems, 06866
Liners, *see* Linings.
Lines, *see* Cables-Telephone lines.
Lining fabrics:
measurements of liner cooling effectiveness within full-scale double-annular ram-induction combustor, 11151
Linings:
acoustically lined ejector technology development for multitube jet noise suppressor nozzles, 11086
concrete drift linings in block caving stopes, structural design data, 07988
lining and shoe, friction, Federal item identification guide, 05222
metallurgy of dilute mischmetal Mg alloys as observed in 40mm liners, 05730
thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
Linters, *see* Cotton.
Lipid metabolism:
diet for management of hyperlipoproteinemia–
type 1 Hyperchylomicronemia, 04655
type 2a hypercholesterolemia, 04656

Lipid metabolism–Con.
type 2b or type 3 hypercholesterolemia with endogenous hyperglyceridemia, 04657
type 4, endogenous hyperglyceridemia, 04658
dietary management of hyperchylomicronemia, hyperlipoproteinemia–
type 1, diet 1, 04655
Liquefied gases. *see* Gases.
Liquid fluorine, *see* Fluorine.
Liquid metals, *see* Metals.
Liquid nitrogen, *see* Nitrogen.
Liquid oxygen, *see* Oxygen.
Liquid propellant, *see* Propellants.
Liquids:
axisymmetrical vibration of partially liquid-filled elastic sphere, analysis by method of Green's function, 08063
effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
hand-operated plastic pistol-grip liquid sprayers from Japan, Tariff Commission report, 11792
influence of liquid waste disposal on geochemistry of water at National Reactor Testing Station, 10087
liquid-crystal structure of biological membranes, USSR study, 10999
minerals yearbook, 10194
Smackover formation, geochemistry, 11072
wicking of liquids in screens, 10257
Liquors:
alcohol, summary statistics, distilled spirits, wine, beer, 04812
Lisbon, Portugal:
summary of synoptic meteorological observations, 08175
Lists, see Commerce–Electric power plants–Geophysics.
Literacy, *see* Illiteracy.
Literature:
drug abuse, bibliography, 11688
literature references on techniques for evaluation of factors relevant to decision making on highway locations, 00367
nurse staffing methodology, review and critique of selected literature, 00447
sewage and industrial waste literature, review, 11741
Lithium:
corrosion of oxygen-doped tantalum by lithium, 08042
lubricated thrust bearings for high-temperature operation, evaluation of cermet materials suitable, 11140
mass transfer in 1370°C (2500°F) lithium thermal-convection loop, 08048
tantalum-alloy-clad uranium mononitride fuel specimens in pumped-lithium-loop-test, 10251
Lithography:
web offset and metal decorating processes, emissions and control technologies, 03883
Lithology, *see* Rocks.
Little Buffalo Creek:
flood plain information, Sanford, N.C., 01113
floods in Sanford, N.C., 01124
Little Charlton River and Valley:
water supply and pollution control aspects of Charlton and Little Charlton River basins, 09391
Little Dry Creek:
flood plain information, Madera, Calif., 01116
floods, Madera, Calif., 01136
Little Miami River:
addition to national wild and scenic rivers system, recommendation, 05024
Little Neshaminy Creek:
floods, 11466
Little Nixon Creek:
flood plain information, 07696
floods, 06512
Little River and Valley:
basin, water resources, 10958
Little Rock, Ark.:
floods, 07671
Live stock, *see* Livestock.
Livestock:
diethylstilbestrol (DES) and other drugs used in food producing animals, regulation–
report, 06252
feed-livestock economy of eastern Europe, prospects to 1980, 03309
feeding problems because of fluctuating cattle market–
hearings, 08467
financial assistance to States for animal health research–
hearings, 05107
foreign agriculture circulars, 02039
livestock and meat situation, 02253
market news, weekly summary and statistics, 02254
marketing–
dressed costs and shrinkage conversion tables, 07100
meat animals, farm production, and income, 1972-73, 08857
Oxon Hill Children's Farm, art activity book, 01494
radiobiology and radioecology of farm animals, 08300
slaughter, meat and lard production, 10447
slaughter, monthly report, 02255
see also Food for livestock.
Llano Estacado:
artificial-recharge experiments and operations on the southern high plains of Texas and New Mexico, 03416
High Plains, precipitation, variability, 10324
LMFBR (Liquid metal fast breeder reactor), *see* Reactors (atomic).
Load (mechanics):
active arm external load stabilization system for cargo handling helicopters, design, fabrication, and flight test, 07190
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
AH-1G helicopter design and operational flight loads study, 07182
Apollo experience report–
command module crew-couch/restraint and load attenuation systems, 03613
austentic stainless steel creep deformation under progressive load complex stresses, 07206
automatically stabilizing helicopter sling loads, 11664
autopilot, effects on airplane responses to turbulence with emphasis on tail loads, 09499
cylindrical explosive loads, ultrasonic imaging, 05736
design and operational flight loads study, CH-47A, 06015, 07810
dynamic response of materials to intense impulsive loading of aircraft, 02836

Load (mechanics)–Con.
elastic buckling analysis for composite stiffened panels and other structures subjected to biaxial inplane loads, 00540
experimental investigation of 4 1/2-stage turbine with very high stage loading factor–turbine performance, 08034
helicopter drive system load analysis, 07200
helicopter external loads effects on sling properties, 09685
in-flight stabilization of externally slung helicopter loads, 06010
influence of wing loading on turbofan powered STOL transports with and without externally blown flaps, 03588
interdisciplinary rotary-wing aircraft analysis, application to prediction of helicopter maneuver loads, 10514
laboratory load tests on buried flexible pipe, steel and fiberglass reinforced resin pipe in sand backfill, 03725
load criteria for ship structural design, 03736
load factor design of typical continuous bridges, standard plans for highway bridges, 04407
loading and heating of large flat plate at Mach 7 in Langley 8-foot high-temperature structures tunnel, 01404
OH-6A helicopter design and operational flight loads study, 08291
rotorcraft external-load operations, Federal aviation regulations, 01949
SSME, space shuttle main engine side loads analysis for flight configurations, 11117
stress-strain response of fabrics under two-dimensional loading, 04851
structural elements subjected to dynamic loads, design of structures to resist effects of atomic weapons, 03921
sustained-load cracking of titanium, 08169
Load lines:
International voyage load line act–
law, 02940
report, 03000
Loader, Arline:
relief, 04167
Loader, Maurice:
relief, 04167
Loaders (mechanical):
handling peanuts with bucket elevators, rates of conveying and mechanical damage, 00005
projectile loader for research gas gun, 05738
Loading, *see* Load (mechanics)–Unlading and lading.
Loan associations, *see* Federal savings and loans associations.
Loan companies, *see* Finance companies.
Loans:
architectural processing and inspections for home mortgage insurance, 07884
Army Emergency Relief educational loan program, 03910
automobile loans by major finance companies, monthly release, 01668
bank lending practices, 1973, changes, 10915
bank rates on short-term business loans, 01673
business concerns affected by energy shortage–
report, 09176
characteristics of Federal land bank loans, 10009
commercial and industrial, outstanding by industry, 01786
consumer instalment loans rate, 03372
credit eligibility for public utility cooperatives serving producers of agricultural products–
hearings, 07464
economic injury loans for displaced small businesses, 05782
Farmers Home Administration, soil and water loans, 02817
guaranteed student loans–
report, 09769
guaranteed, for geothermal energy exploration, provide–
report, 10743
Indian revolving loan fund, provide for financing economic development of Indians and Indian organizations–
hearings, 07415
insured loans to provide fire safety equipment for nursing homes, authorize–
law, 06170
report, 10610
interest rates charged on selected types of bank loans, monthly release, 02164
key features of SBA's principal lending programs, 05783
loan mortgage insurance for major home home improvements, 07885
low-rent housing applications, program reservations and preliminary loans handbook, 05460
mobile home loan operating handbook, 05456
property improvements, loan insurance, FHA regulations, 10903
rural development insurance fund, secondary market for loans, provide–
report, 03181
rural electric and telephone direct purchase–
report, 00908
savings and home financing 1972 source book, 00370
SBA business loans, 05787
SBA loans to local development companies, 05785
school participating in nursing student loan and scholarship programs, 06713
Small Business Administration–
raise loan ceilings, hearing, 04089
raise loan ceilings, law, 06192
student aid officers responsibilities under guaranteed student loan program, correspondence and other documents, 00129
student guaranteed and national direct loan programs, amend–
hearings, 10693
supporting assistance loan, agreement with Malta, 05840
veterans loan guaranty program, flexible GI interest rate authority in VA–
law, 00092
report, 03146
veterans loan guaranty programs amend Servicemen's redjustment act–
law, 00092
report, 03146
veterans, guaranteed and direct, questions and answers, 10485
veterans, home buying guide, 05902
see also Banks and banking-Federal savings and loan associations–Mortgage insurance-Mortgages.
Loblolly pine, *see* Pine.
Lobsters:
analysis of commercial lobster (Homarus americanus) fishery along coast of Maine, Aug.1966-Dec.1970, 05702

Lobsters–Con.
effective control of lobster fisheries on continental shelf–
hearings, 04131
protection of lobsters from foreign fisheries operations by declaring them part of Continental shelf resources–
report, 06242
synopsis of families and genera of crayfishes (Crustacea, Decapoda), 08836
Local government, *see* Government.
Local transit:
EPA pollution regulations and fuel shortage, impact on mass transit–
hearings, 00123
transit authority's system of reporting on status of METRO's costs and construction progress needs to be improved, GAO report, 10938
urban mass transit equipment, Federal financing–
report, 06325, 10605
urban mass transit, handicapped and elderly market, 11281
Localism:
developing local and regional solid waste management plan, 10826
Location identifiers:
airport, etc., handbook, 02257
location and characteristics of interface between brine and fresh water from geophysical logs of boreholes in upper Brazos River basin, Tex., 04476
location identifiers for substations, 09572
microseismic source locations around block caving at Climax molybdenum mine, 04585
Locke, Lucy:
relief, 00971
Lockheed Aircraft Corporation:
audit of payments from special bank account to Lockheed Aircraft Corporation for C-5A aircraft program during quarter ended Mar. 31, 1974, GAO report, 10074
audit of payments from special bank account to Lockheed Aircraft Corporation, for C-5 aircraft program, quarterly, GAO report, 02543
Locks (hydraulic engineering):
lock and dam 26, Mississippi River, Mo. and Ill., hydraulic model investigation, 05312
Locks and keys:
keys, Federal item identification guide, 07609
Locomotives:
American single locomotives and the Pioneer, 00632
Lodgepole pine, *see* Pine.
Loftleider Icelandic Airlines, Inc.:
aircraft accident report, 09569
Logan County, Ill.:
soil survey report, 09614
Logging, *see* Lumbering.
Logistics:
Army logistician (periodical), 01659
improving DOD's ammunition logistics by effective central control, GAO report, 06679
logistic support plan for automatic secure voice communications network (AUTOSEVOCOM), Army pamphlet, 04865
supply and service company, supply and transport battalion, 00737
see also Naval art and science.
Logs:
guide to hardwood log grading, 01240
location and characteristics of interface between brine and fresh water from geophysical logs of boreholes in upper Brazos River basin, Tex., 04476
sawing SHOLO logs, 3 methods, 08596
significance of sweep in Appalachian hardwood sawlogs, 06648
see also Scale (logging).
Lomuscio, Nicola:
relief, 00904
Lone Mountain dolomite, *see* Dolomite.
Lone Peak Wilderness Area:
establish within Wasatch and Unita National Forest, Utah–
hearings, 07529
Long Island:
southwestern abundance and distribution of inshore Benthic fauna, 09553
Long Island Sound:
oil spill, March 21, 1972, environmental effects, 00708
western, tidal current charts, 09550
Long range aid to navigation, *see* Loran.
Longleaf pine, *see* Pine.
Longshoremen:
maritime manpower report, seafaring, longshore, and shipyard employment, 02276
Longshoring, *see* Longshoremen.
Lookout Mountain:
general information, 06990
Looms:
picker sticks from Mexico, Tariff Commission report, 11263
Loops:
mass transfer in 1370°C (2500°F) lithium thermal-convection loop, 08048
tantalum-alloy-clad uranium mononitride fuel specimens in pumped-lithium-loop-test, 10251
tests of fuel assemblies under sodium in Na3 loop of CEN/SCK-Mol, 09691
Lopez, Leonor:
relief, 11372
Lorain, Ohio:
Lorain, Ohio, port, 09275
Loran:
propagation of Loran-C ground and ionospheric wave pulses, 03989
reflection coefficients for computer simulation of Loran C/D pulse propagation transforms, 00084
Los Angeles County, Calif.:
model cities program–
comparative analysis of 2d round planning years, 03430
prosecution of adult felony defendants in Los Angeles County, policy perspective, 08679
Los Angeles, Calif.:
CARPOL, approach to large-scale-carpooling using DIME technology, 08936
contaminant emissions model and inventory for Los Angeles, 09279
crime in Nation's 5 largest cities, 10153
earthquake losses, 06598
impact of energy shortages–
current energy shortages oversight series staff study, 05136
impacts of transportation control strategies on Los Angeles air quality, 00329
model cities program–
comparative analysis of 2d round planning years, 03430

Los Angeles, Calif.–Con.
proposed elimination of OEO and related legislation–
hearings, 06290
tests of urban meteorological-pollutant model using CO validation data in Los Angeles metropolitan area, 01156-7
Loudon County, Tenn.:
forest inventory statistics, Loudon-Roane County unit, east Tennesssee, 07081
Louisiana:
census portrait, 08916
climatological data, 01737
conveyance of land–
hearings, 06267
law, 06153
report, 03060, 03217
landings, fish and shellfish, 02264, 11691–
annual summary, 01471
parishes and metropolitan areas, population estimates, 06089
precipitation data, hourly, 02108
registry of minority contractors and housing professionals, listing in selected cities, 00455
Louisiana State University:
land conveyance to Louisiana for use of Louisiana State University–
law, 06153
report, 03060, 03217
Louisville and Nashville Railroad Company:
railroad accident investigation summary report, 08198
Loup River and Valley:
characteristics of streamflow at gaging stations, 10941
Love, Aldred P.:
nomination–
hearings, 04195
Low-rent housing, *see* Housing.
Lowe, M. David:
nomination–
hearings, 10755
Lower Monumental Dam, Snake River, Wash.:
fish ladders, hydraulic model investigations, 09267
Loyalty:
Federal civilian employee loyalty program, report, print additonal copies–
report, 02970
LSD, reports, *see* Lysergic acid diethylamide.
LST (large space telescope), *see* Spaceborne Telescopes.
Lubricants:
advanced capacitative oil debris monitor, 07183
circumferential shaft oil seal for aircraft gear transmissions, improved, 06853
compounds and greases, cutting, lubricating, and hydraulic, Federal item identification guide, 00259
elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
interaction of some extreme-pressure type lubricating compounds with iron surface, 08067
KSC (Kennedy Space Center) lubricant testing program, 03606
lubricating oils, Federal item identification guide, 01066
rolling element bearing retainer analysis, 06009
waste automotive lubricating oil as municipal incinerator fuel, 04374
waste lubricating oil research, investigations of several re-refining methods, 11068
Lubricating oils, *see* Lubricants.
Lubrication:
air-lubricated Rayleigh step thrust bearing, evaluation of chromium oxide and molybdenum disulfide coatings in self-acting stops, 11141
effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
fittings, Federal item identification guide, 05217
fluorine content, atmosphere and burnishing technique, effect on lubricating properties of graphite fluoride, 09509
gas-lubricated cruciform-mounted tilting-pad journal bearings and damped flexibly mounted spiral-groove thrust bearing, 09489
Lucas, Monroe A.:
relief, 00897
Ludlow, Mass.:
flood plain information, 07687
Lumber:
air-drying guide for Tennessee Valley, 11270
basis charts for southern lumber and plywood hedgers, 00405
current industrial reports, 03945
lumber recovery from old-growth cast Douglas-fir, 05397
no. 2 common oak lumber, comprehensive defect data bank, 00414
production and mill stock, current industrial reports, 00771
yield from western white pine in northern Idaho, 03401
Lumbering:
logging effects on growth of juvenile coho salmon, 01152
running skyline, computer program for determining load-carrying capability, 08599, 10072
Tennessee Valley loggers, rainfall guide, 10472
Luminescence:
development of improved systems for obtaining time integrated measurements of sulfur dioxide, introgen dioxide, nitrogen oxides, and other pollutants, 00339
Lunar Orbiter, *see* Spacecraft.
Lunar orbits, *see* Orbits.
Lunar roving vehicles, *see* Roving vehicles.
Lunar surface, *see* Lunar topography.
Lunar topography:
current concepts regarding lunar surface, 08082
lunar surface in Lunokhod-2 work region, chemical composition, 06768
shear testing of simulated lunar soil in ultrahigh vacuum, 06835
Lunches, *see* School lunches.
Luxembourg:
background notes, 00661
foreign trade regulations, 00281
mineral industry, minerals yearbook chapter, 11610
mutual defense assistance, agreement, 05844
Luzon Island:
comprehensive water resources development prefeasibility program, Bicol river Basin, 04722
synoptic meteorological observations, 11708-9
Lynch, Marjorie W.:
nomination–
hearings, 07562

Lyndon B. Johnson Civilian Conservation Corps Center:
designate–
law, 10587
report, 09889, 10663
Lyndon B. Johnson National Grasslands:
designate–
law, 10587
report, 09889, 10663
Lyndon Baines Johnson Memorial Grove on Potomac:
establish–
hearings, 11403
law, 06174
report, 06254
Lyndon, Vt.:
flood hazard analyses, Passumpsic River, 00639
Lyophilization:
freeze-drying of raw beef, 04847
Lysergic acid diethylamide:
antipsychotic action of some neuroleptics on model of LSD psychosis, USSR comparative study, 01346
Lysimeters:
snowmelt lysimeters perform well in cold temperatures in central Colorado, 04438
Lyttle, Eugenia C.:
relief, 00863, 02927

M

M. Lauer, Inc.:
Long Island City, N.Y., footwear for women, Tariff Commission report, 05868
MAC, *see* Military Airlift Command.
Macao:
trade in cotton textiles with Portugal, 05835
MacDonald, David R.:
nomination, hearings, 09927
Mach numbers:
inlet-air humidity, temperature, pressure, and reference Mach number on formation of oxides of nitrogen in gas turbine combustor, effect, 05625
jets blown over wing, exploratory investigation of effects, 06870
Langley Mach 10 high Reynolds number helium tunnel, operating characteristics, 11099
methods which predict supersonic flow fields from body geometry, distance, and Mach number, study, 06873
subsonic inlet lip geometry on predicted surface and flow Mach number distributions, effect, 06882
unsteady Mach reflections and Prandtl-Meyer supersonic flows, machine calculation, 05745
Machine record codes:
ADMATCH adventures, 06077
Machine tools:
cutting tool for machine tools, Federal item identification guide, 05232
inspection gages and precision layout tools, Federal item identification guide, 06441
machine tool accessories, Federal item identification guide, 05234
proposal for direct numerical control system, 06058
Machine-readable documents, *see* Reading machines.
Machinery:
bending, cutting, and forming machines and tools, for secondary metal working, Federal item identification guide, 03288
controls and associated equipment, Federal item identification guide, 07613
Department of Defense machinery leasing practices, prohibit, hearings, 00166
electrical rotating machinery, Federal item identification guide, 06431, 04303
industry control, current industrial reports, 00068
leasing practices of Defense Department, report, 04050
post, electrical-mechanical equipment, Federal item identification guide, 05225
power driven electrical rotating machinery, Federal item identification guide, 00270
principles and techniques of mechanical guarding, 05750
sand particles effects on small, intricate mechanical components, 06022
special industry, Federal item identification guide, 05249
textile machinery parts, Herr Manufacturing Co, Inc., Tariff Commission report, 11266
turn off machines when not in use, save energy (poster), 09721
Machines, *see* Machinery.
Machining:
wood machining abstracts, 1970 and 1971 literature, 00418
Macias, Isabel E.S., *see* Ferrier, Isabel E.S.M.
Macon, Ga.:
Operation Breakthrough, 03432
Madagascar:
economic trends and their implications for United States, 03469
Madera, Calif.:
flood plain information, Fresno River and Cottonwood, Little Dry and Root Creeks, 01116
Madera County, Calif.:
ground water pumpage, 07850
Madison County, Ala.:
forest inventory Statistics, 11795
Madison County, Ky.:
soil survey report, 05804
Magazines, *see* periodicals.
Magistrates, *see* United States magistrates.
Magnesium:
metallurgy of dilute mischmetal Mg alloys observed in 40mm liners, 05730
mill products, current industrial reports, 07264
national emissions inventory of sources and emissions of magnesium, 08550
primary, quarterly report, 02496
radiochemical separation procedures, 09701
Magnesium chloride:
mineral industry surveys, 05573, 11600
Magnetic fields:
average daily variations in magnetic field as observed by ATS-5, 10242
biological effects of magnetic fields, translations of USSR study, 10996
dependence of high latitude spread-F occurrence on magnetic activity, 06125
electrical discharge between coaxial copper electrodes in magnetic field, USSR study, 06762
electromagnetic field in laser resonator, 11203
electroreceptor system of Black Sea rays to perceive magnetic field USSR study, 0xx12
influence on biological objects, USSR study, 11018
magnetic refocusing in linear-beam microwave tubes, 11143

Magnetic fields–Con.
superconducting ELF magnetic field sensors for submarine communications, 11705
Magnetic materials:
dangerous articles and magnetized materials, information guide for training programs and manual requirements in air transportation, 03334
electrical discharge between coaxial copper electrodes in magnetic field, USSR study, 06762
transportation of magnetized materials, Federal aviation regulations, 01947
Magnetic measurements:
magnetic microvariational measurements and apparatus for magnetotelluric research, USSR study, 03521
Magnetic memory:
use of magnetically encoded cards and digital transmission in land mobile systems, 03987
Magnetic particles:
remote sensing of Saturn's rings, magnetic alinement of ring particles, 05631
Magnetic surveys:
magnetic microvariational measurements and apparatus for magnetotelluric research, USSR study, 03521
surface and bottom magnetic survey in area of Bermuda rise, 10358
Magnetic tape:
books on open reel tape, list, 00532
computer programs for digitizing and using of library tapes of ship stress and environment data, 07027
library tapes of ship stress and environment data, method for digitizing, preparing and using, 03735
summary tape processing centers for census data, 02882
see also Videotape recordings.
summary tape processing centers for census data, 02882
Magnetism:
joining magnetic alloy stainless steel, technological spinoff report, 02849
magnetic data from Caribbean Atlantic geotraverse, 10325
magnetic probes and instrumentation of capacitive discharges, 05739
magnetism in biology, USSR study, 03519
Magneto-telluric methods, *see* Magnetic surveys.
Magnetohydrodynamic generators:
light bulb heat exchanger for magnetohydrodynamic generator applications, 09507
materials for manufacture of open-cycle MHD generator electrodes, research, USSR study, 06769
MHD generator, highly efficient supersonic nonequilibrium, USSR study, 07909
MHD power plants in power engineering, USSR study, 08644
MHD-power generation of electricity, USSR study, 08662
thermal cycle and efficiency of versatile power unit with magnetohydrodynamic generator and thermoelectric generator, USSR study, 05531
U-25 installation, first stage of development, USSR study, 08643
Magnetohydrodynamics:
endurance testing of downstream cathodes on low-power MPD thruster, 10250
liquid-metal flows in magnetohydrodynamic systems, USSR study, 03509
MHD high performance demonstration experiment, development of design criteria, cost estimates, and schedules, 06117
MHD-steam powerplants employing coal gasification, economic evaluation, 03567
model MHD generator U-02, stage 2 of experimental research, USSR study, 04544
Magnetometers:
geophysical equipment, USSR study, 10998
magnetometers, USSR study, 06772
Magnetoplasmadynamics, *see* Magnetohydrodynamics.
Magnetosphere:
plasma physics and environmental pertubation laboratory experiments, 0955x
position of satellite with respect to magnetosphere of earth, 05737
Magnets:
compounds of rare earth metals with cobalt as materials for permanent magnets, USSR study, 05504
highly texturized permanent magnets from magnetically anisotropic powders, production, USSR study, 01337
Mahoning River:
quality of interstate waters, report, 11740
Mail matter:
enforcement report, Inspection Service, 01910
geography, ADMATCH adventures, 06077
military assistance program address directory, 00277-8, 04325-6, 06452, 07635-6
private express statutes, hearings, 07442
processing of international mail in New Orleans area, hearings, 10712
transportation of mail, hearings, 05080
see also Franking privilege–Postal service.
Mailers:
instructions for mailers, 02159
Mails, *see* Postal service.
Maine:
analysis of commercial lobster (Homarus americanus) fishery along coast of Maine, Aug.1966-Dec.1970, 05702
Androscoggin River pollution report, 11738
census portrait, 08917
counties and metropolitan areas, population estimates, 07274
landings, fish and shellfish, 02267
local rail service zone, Secretary of Transportation report, 04755
mineral industry, minerals yearbook chapter, 07984
regular income limits for sec. 235-6 housing, 09363
Maintenance:
aircraft maintenance, preventive maintenance, etc. Federal aviation regulations, 01946, 08560
airfield operational and maintenance facilities, 03917, 04871
Army helicopter hydraulic system reliability and maintainability investigation, 07185
Army helicopter rod end bearing reliability and maintainability investigation, 00745
design, operation, and maintenance of wastewater treatment facilities, Federal guidelines, supplement, 07094
draft military specification for organizational and intermediate maintenance, 09671
durability and maintenance as related to selection of flooring, 00561

564-800 O - 75 - 20

Maintenance–Con.
facilities engineering, base operations, maintenance and minor construction, Army National Guard, 08114
handbook for JPA developers, 09672
helicopter reliability and maintainability analysis technique, 07191
helicopter transmission modularization and reliability/maintainability analysis, 07195
housing maintenance guide on painting, HUD-assisted, 06716
human resources sensitivity to system design tradeoff alternatives, feasibility test with jet engine data, 09667
improved DVOR low level receiver maintenance simulation, final report, task 2, 10454
improving operation and maintenance of waste treatment works, program, 10856
maintainability analysis of major helicopter components, 04877
maintenance efficiency improvement, Air Force research and development program, 04801
maintenance facilities, Navy' design manual, 00599
maintenance management systems for municipal wastewater facilities, 11284
Mech, naval aviation maintenance safety, 02286
motor vehicle maintenance and repair shop equipment, Federal item identification guide, 03281
on-condition maintenance for helicopter transmissions, analysis of criteria, 06020
power O. and M. bulletin, 03721
power O. and M. report–
field review of maintenance, 03722
field review of operation and maintenance, 03723
predicting maintenance task difficulty and personnel skill requirements based on design parameters of avionics subsystems, 02823
quality management for direct/general support maintenance operations, 06005
reducing emissions through maintenance, short emission inspection tests, effectiveness, 06549
sensor cleaning and field calibration, instruction manual, 09319
storage/maintenance activities operations manual, defense industrial plant equipment, 05204
test and maintenance stands, Federal item identification guide, 03289
turbine engine fuel control reliability and maintainability analysis, 04879
water operation and maintenance bulletin, 02740
Maintenance technicians:
predicting maintenance task difficulty and personnel skill requirements based on design parameters of avionics subsystems, 02823
Majowicz, Emilia:
relief, 00877, 02913, 03115
Malagasy Republic, *see* Madagascar.
Malaria:
infectious diseases research, 08128
surveillance, annual summary, 00782
Malawi:
background notes, 08230
Malaysia:
accessions list, Library of Congress, Djakarta, 01598, 11030
background notes, 04743
economic trends and their implications for United States, 06751
Malnutrition:
consquences of malnutrition, maternal, fetal and infant nutrition, 1973, hearings, 01048
Malone Creek:
floods on Wapsipinicon River and Malone Creek, Independence, Iowa, 00310
Malta:
map, 02886
supporting assistance loan, agreement, 05840
Maly, Wilhelm J. R.:
relief, 08999
Ma'luf, Tanios (Tony) J.:
relief, 00968
Mammals:
EPA compendium of pesticides, rodenticides and mammal, bird and fish toxicants, 01534, 01921
hydrodynamic resistance of semi-aquatic mammals, USSR stud;y, 09408
imported into United States in 1971, 08224
rodenticides and mammal, bird and fish toxicants, EPA compendium of pesticides, 01921
seed-eating mammals and birds that affect forest regeneration, bibliography, 08225
upland plant communities, woody browse production and small mammals of wildfire areas of northeastern Minnesota, 08583
Man:
exposure to fuel additives, development to analytic techniques to measure, 10827
life beyond earth & the mind of man, symposium proceedings, 01397
now frontier, man links earth and planets, Pioneer to Jupiter, 05636-40
predicting activity of man in extreme states, USSR study, 05509
Man-hours, *see* Labor.
Man-machine system, *see* Human engineering.
Management:
areawide water quality management, problems and approaches–
report, 06584
States reports, 06585
suggested representative or model legislation, 10000
Army facility management with application of remote sensors, 07717
CMP (construction management procedure) instructions, specifications, and example, 01110
common data set for hospital management, 04489
community mental health facilities, selected papers, 06959
conceptual design for cost evaluation of alternative educational systems in managing Air Force Academy and Air Force ROTC, 04800
developing local and regional solid waste management plan, 10826
dynamic water quality forecasting and management, 01151
energy, economic sense for retailers, 07325
environmental management, importance of local initiative (address), 10852
Federal solid waste management program, library holdings, nonperiodical, 09292
financial management for planning and action grants to combat crime, 08675
improving management of Government owned and leased real property overseas, progress, GAO report, 08607

Management–Con.
integrated approach to construction management, 06491
inventory management (IM) individualized instruction materials, advanced development work, 08889
jail, its operation and management, instructors guide, 01536
job analysis, key to better management, 00797
labor management case finder, FPM supplement, 01986
local government management, decision-related research in field, 09561
maintenance management systems for municipal wastewater facilities, 11284
management assistance for small business, 08829
management information system guide, Comprehensive employment and training act, 11025
management information systems, 00739
management information systems, information processing systems exchange, 05998
management information systems, data processing installation review/evaluation, checklist, 05997
managing correspondence–
correspondence management, 08750
form and guide letters, 08751
plain letters, 08752
managing nonexpendable end-item equipment in Air Force, GAO report, 07840
management information systems, 00739
national conference on managing environment, final conference report, 10849
national program for managing flood losses, 01260
national resource lands for management and protection, hearing, 04224
network management problems and issues, reviews, 01427
network management survey, 08102
phase 4, economic stabilization program, effective managerial control of acute care hospitals, 07587
procurement planning for commercial feed firm, 03857
quality management for direct/general support maintenance operations, 06005
records management handbook, 08750-2
scientific and engineering manpower management, bibliography, 07313
sources and management of micro-organisms for development of fermentation industry, 07108
survey handbook, 00738
timber measurement and management planning in Northwest, 11532
traffic management regulation for personal property, Defense Dept., 06453
U.S., U.S.S.R. technology licensing prospects, 00812
waste treatment works, program to improve operation and maintenance, 10856
see also Administrative management–Forest management–Office management–Planning–Project management–Public administration.
Management analysts:
work simplification handbook for analysts, 05996
Management and Budget Office:
appropriations, 1974, amendments, proposal, 06209
Director and Deputy Director, appointment, require Senate confirmation–
law, 11350
report, 05036
drugs in Federal Government, how to improve procurement and supply, GAO report, 06682
U.S. foreign trade strategies, ways to improve, GAO report, 04458
Management auditors, *see* Auditors.
Management consultants, *see* Consultants.
Management interns:
program, Health Services and Mental Health Administration, 00449
Managers:
analysis for managers of people and things, 04269
Federal manager's responsibilities under merit system, 09715
JPA managers and training specialists, Air Force, 09673
making effective use of long-term training, guide for managers, 03965
sawmill manager adapts to change with linear programming, 05406
Managua, Nicaragua:
building performance in 1972 earthquake, 03648
Manatee County, Fla.:
beach erosion control, engineers report–
departmental edition, 01138
document edition, 00960
Mandan Indians:
reading list, 01300
Maneuverability:
astronaut maneuvering units, comparison of results from two simulators used for studies, 06872
cornering characteristics of 40 x 14-16 type aircraft tire, 05619
effect of finite thrust and heating constraints on synergetic plane change maneuver of space shuttle orbiter-class vehicle, 06855
effects on rotor/wing design characteristics, analysis, 07202, 10516
interdisciplinary rotary-wing aircraft analysis; application to prediction of helicopter maneuver loads, 10514
investigation of maneuverability of S-67 winged helicopter, 00041
rotor/wing design characteristics, maneuverability effects, 08894
Maneuvers, *see* Flight.
Manganese:
influence of manganese additions upon properties of iron ore pellets, 06837
mineral industry surveys, monthly, 02268
ore, extension of existing suspension of duty–
law, 00106
report, 03145
Manifold paper, *see* Paper.
Manila Bay:
synoptic meteorological observations, 11709
Manipulators:
underwater manipulators, Soviet papers on design, 04542
Manistee River:
designate segment for possible inclusion as part of wild and scenic river system, report, 03157
Manitou Park:
geology of Montane Zone of central Colorado, with emphasis on Manitou Park, 08600
Manmade fiber broadwoven goods, *see* Textiles.
Mann, Victor F. jr.:
relief, 02925

Manned space flight:
Apollo experience report, systems and flight, crew procedures development, 01411
history, 08708
legal aspects of manned spaceflight and remote sensing of environment, USSR study, 06770
Skylab experiments, living and working in space, information for teachers, 04614
Manned spacecraft, *see* Spacecraft.
Manning Moving and Storage Co.:
motor carrier accident investigation report, 09476
Manning of vessels, *see* Ships.
Mano-Long Valley, Calif.:
final environmental statement for geothermal leasing program, statements, comments, and responses, 04504
Manpower:
appropriations, 1974, authorization, hearings, 00199-200
baker's dozen, abstracts of 13 doctoral dissertations completed under Manpower Administration research grants, 03550
bilingual programs, hearings, 07552
cardiology training requirements, evaluation, 09532
career area rotation model, Air Force user's manual, 05973
civilian manpower management, 02195
Comprehensive manpower act–
hearings, 07395
report, 04073, 04076
considerations in identification of managerial potential, 08959
Cuban Refugee Program, new way to meet professional manpower need, 11764
Defense Department appropriations, 1975, authorization–
hearings, 09189
distribution project, National Health Council Task Force report, 10100
executive manpower, bibliography, 07312
executive manpower management technical assistance paper EMMTAP series, 08959
Federal civilian manpower statistics, monthly release, 02317
Federal manpower policy in transition, National Manpower Advisory Committee, letters, 11036
health manpower, health resources statistics, 04647
impact of energy shortages on manpower needs, Secretary of Labor's report, 09451
improved manpower management in Federal Government, report, 08363
long-range economic forecasting, models and methods, 03984
manpower (periodical), 02269
manpower impact of Federal Government programs, selected grants-in-aid to State and local governments, 04566
manpower planning and utilization, bibliography, 07314
manpower survey of school library media field, education professions, 1971-72, annual report, 04346
national emergency standby regulations and instructions, Federal personnel, 01994
national patterns of R&D resources, 1953-74, funds and manpower in U.S., 11194
planning data, trends, projections, 05900
podiatry manpower, characteristics of clinical practice, 11680
requirements for wastewater collection systems in cities of 150,000 to 500,000 in population, 11285
research and development project, 03549
research monograph, 03550-1, 06813, 07956, 09450, 11038
rural developments (periodical), 02563
scientific and engineering manpower management, bibliography, 07313
selected manpower statistics, 09255
training in Japan, 06808
water pollution control manpower development and training activities, 08515
Manpower Administration:
index to publications, 00533
JCH series, 11037
Manpower Intelligence Division:
DMI analytic studies, 05440
Mansfield Lake Project:
rename as Cecil M. Harden Lake, report, 11416
Manufacturers, *see* Manufactures and manufacturers.
Manufactures and manufacturers:
annual survey of manufactures, 1968-69, 09706
annual survey of manufactures–
industry profiles, 00757
value of product shipments, 03932
anti-friction bearings, manufacturer's production, shipments, and unfilled orders, 04917
capacity utilization in manufacturing, quarterly averages, seasonally adjusted, 01702
census of manufactures–
preliminary and summary reports, 04908
publication program, 03935
special report series, 06078, 07257
cigar manufacturing, industry wage survey, 00530
exports sales and orders of durable goods, current industrial reports, 01846
Federal supply code for manufacturers–
excluding United States and Canada, 02007
United States and Canada–
code to name, 02008, 05197
name to code, 02009, 06415
financial report of corporations, quarterly, 02517
foreign direct investors in U.S., list of foreign firms with some interest/control in American manufacturing and petroleum companies in U.S., 03466
industry wage survey, cigar manufacturing, 00530
manufacturer's guide to Coast Guard label requirements, 08962
manufacturer's shipments, inventories, and orders, current industrial reports, 01846
manufacturing activity in government establishment, 07257
manufacturing methods technology (MM&T) for ballistic-tolerant flight control components, 00038
mergers and acquisitions, statistical report, 11530
NBS materials science and manufacturing in space research, 08095
new series for large manufacturing corporations, 05371
nongovernment organization codes for military standard, contract administration procedures MILSCAP United States and Canada, code to name, 03255
survey of origin of exports of manufacturing establishments in 1971, 06081

Manufactures and manufacturers–Con.
technology of manufacturing hydroacoustic apparatus, USSR study, 07924
wage chronology, Massachusetts shoe manufacturers and United Shoe Workers of America, 06804
Manuscripts:
collections, national union catalog, Library of Congress, 11033
concerning Mexico guide, Harkness Collection in Library of Congress, 11031
Mao, Tse-tung:
miscellany of thought, 05518-9
Maoism, *see* Communism.
MAP (military assistance program), *see* Military aid.
Maple:
fertilization increases diameter growth of birch-beech-maple trees in New Hampshire, 06656
Mapping, *see* Maps and charts–Photographic surveying.
Maps and charts:
Air Force, aeronautical charts, latest editions, 02204
American empheris and nautical almanac, 05721
catalog of copyright entries, 00247
census blocks and block groups, procedural manual for defining and numbering, 07280
census blocks, procedural manual for interim renumbering, 07279
Census Bureau, United States maps. GE-50 (series), 00780-81, 3956, 07287-9
Census Bureau's metropolitan map series, procedures for local review, correction and update, 08955
drafting, surveying, and mapping instruments, Federal item identification guide, 03272, 07616
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
geographical exploration and mapping in 19th century, survey of records in National Archives, 05643
grids, computer mapping system, 08937
historical base maps series, 05708
history of cartography, guide, annotated list of references, 03545
Honduras, 03958
Iceland, 00072
ITOS scanning radiometer data insight as to earth location accuracy operational products, 06975
Liberia, 07295
lunar photography index maps of Apollo mission, 00539
map, line and sinker, 03411
mapping, charting, and geodetic terms, glossary, 05260
mapping, charting, geodesy and surveying, Federal Mapping Task Force, report, 03548
mesoscale objective map analysis using weighted time-series observations of atmospheric circulation, 01477
National Ocean Survey–
aeronautical charts and related publications, catalog, 08782
aeronautical charts, dates of latest editions, 01864
instrument approach procedure charts, 02160
instrument approach procedure charts, Alaska, Hawaii, U.S. Pacific Islands, 02161
military fields, instrument approach procedure charts, 02295
panoramic maps of Anglo-American cities, checklist, 08687
Poland, 07297
population distribution, 1970, urban and rural (map), 00780, 03956
selected interest & exchange rates for major countries & U.S., weekly series of charts, 02582
statistical mapping and geographic base files of Census Bureau (address), 10545
surveys, maps, and construction plans, planning for emergency construction, 06006
synoptic weather maps, daily series, 01855
transmission thermal mapping, main rotor of helicopter, 08293
treasure maps and charts in Library of Congress, descriptive list, 09448
types of maps published by Government agencies, 10950
MARAD, *see* Maritime Administration.
Marek's disease, *see* Avian leukosis.
Maria, Jose R.S., *see* Santa Maria, Jose R..
Mariana Islands:
acanthaster planci, 1969-72, population levels, 08834
Marihuana:
fact sheets, 05276
marihuana and health, 3d annual report to Congress, 09540
variables related to pre-service cannabis use in sample Air Force enlistees, 09668
Marijuana, *see* Marihuana.
Marine accidents:
collisions at sea, international regulation for preventing, convention, 04157
Marine animals, *see* Marine fauna.
Marine biology:
current problems of hydrobiology, USSR study, 03522
life in coastal waters, effects of salinity and salinity changes, annotated bibliography, 01143
see also Benthos.
Marine Corps:
actuarial odds scores for return to duty success of Navy and Marine Corps personnel, 06821
appropriations, 1975, Defense Dept., hearings, 11391
developmental history, 1900-1970, 06814
Fleet Marine Force manual FMFM series, 05568, 09452
marine aviation, organization, operations, etc., 09452
personnel admitted to psychiatric sick list, study of Navy and Marine Corps, 06820
shore party and helicopter support team operations, Fleet Marine Force manual, 05568
travel regulations, 02191, 07634
Vietnam 1954-73, anthology and annotated bibliography, 10171
Marine Corps Reserve:
reserve marine (periodical), 02547
Marine engineering:
economic substantiation in design of seagoing cargo vessels, USSR study, 11021
hydroacoustics and hydroacoustic stations, fundamentals, USSR study, 07927

Marine engineering–Con.
ocean technology & engineering, weekly Government abstracts, 02777
regulations, etc., 03969
use of technical-economic methods in ship design, USSR study, 01343
Marine environment, *see* Environment.
Marine fauna:
conditioned reflex formation in marine animals, USSR study, 06783
Lichomolgidae Kossmann, 1877, cyclopoid copepods mainly associated with marine invertebrates, revision of family, 07029
marine flora and fauna of northeastern United States–
annelida oligochaeta, 01481
crustace, Stomatopoda, 10327
higher plants of marine fringe, 06983
protozoa ciliophora, 01482
pycnogonida, 06985
Marine flora:
marine flora and fauna of northeastern United States–
annelida oligochaeta, 01481
crustace, Stomatopoda, 10327
higher plants of marine fringe, 06983
protozoa ciliophora, 01482
pycnogonida, 06985
Marine geology, *see* Submarine geology.
Marine inspection, *see* Ships.
Marine invertebrates, *see* Marine fauna.
Marine Mammal Commission:
appropriations, 1974–
hearings, 00198
report, 06229
appropriations, 1975, hearings, 10679
Marine plants, *see* Marine flora.
Marine pollution, *see* Water pollution.
Marine resources conservation:
Federal ocean program, annual report of the President to Congress, 01535
Marine protection, research and sancturaries act, amend–
hearings, 04132-3
law, 10568
report, 03034, 06246, 10734
NOAA products and services pertaining to New York Bight, 09555
United States marine fishery resources, MARMAP contribution, 11182
Marine Safety Council:
proceedings, 02500
Marine science, *see* Oceanography.
Marine terminals, *see* Terminals (transportation).
Marital status, *see* Marriage.
Maritime Administration:
annual report, 10174
appropriations, 1974, supplemental, report, 09771
briefing for Congress, hearings, 07437
decisions, Oct. 1964-Feb. 1969, 10172
highlights of MARAD port activities, 02088
MARAD pollution abatement program, 09453, 11591
nineteen seventy-four salute to maritime employees, 09454
press releases, 02455
publications, list, 05569
SP series, 03552, 04575, 06815
Maritime industry, *see* Merchant marine–Shipping.
Maritime law:
ILO conventions and recommendations, texts, 04037
intervention on high seas in cases of oil pollution, international agreement, report, 07377
Law of the Sea Conference–
nomination of John R. Stevenson to be special representative, hearings, 04203
status report, hearings, 07535
law of the sea, translations, 09400, 09404, 09406, 09414, 09417, 09422-3, 10991, 11003, 11014, 11020, 11567
Maritime navigation, *see* Navigation.
Maritime services, *see* Shipping.
Maritime Subsidy Board:
decisions, Oct. 1964-Feb. 1969, 10172
Mark sensing, *see* Electronic data processing systems.
Markers:
Federal item identification guide, 04294
Marketing, *see* Markets and marketing.
Markets and marketing:
agricultural products, developments in marketing spreads, 05280
country market survey, CMS (series), 01826
current housing market situation, 07801-2, 07877-8, 10031, 10902
energy management and marketing priorities, 07326
Federal milk marketing orders, summary of major provisions, 05915
Federal recordkeeping requirements for microwave oven dealers and distributors, 05386
fertilizer marketing system in Mexico, 03802
foreign market reports, index, 02151
gasoline marketing, problems of small business, hearings, 04146
global market survey, 10148
information on Federal agencies having impact on production and marketing of meat, GAO report, 09342
improving marketing systems in developing countries, 07653
international capital markets and financing of economic development (paper), 03366
livestock, dressed costs and shrinkage conversion tables, 07100
market factors in United Kingdom, 00282
market profiles for–
Africa, 07639
Caribbean, 00287
Far East, 08529
Mexico, Central America and Panama, 00289
Near East and South Asia, 04333
South America, 08528
Western Europe and Canada, 06462
market structure, institutions, and performance in the fluid milk industry, 05926
marketing and procurement briefs for minority business community, 02277
marketing and transportation, 02278
marketing bulletin, 07119
marketing H2S04 from S02 abatement sources, TVA hypothesis, 10835
marketing in Spain, 09976
marketing of grain and other commodities, small business problems involved, hearings, 06308
marketing quota referendums, results, 00714
marketing research report , 00012, 00722, 03855-7, 04781-3, 05946-7, 07120-2, 08277, 11296
marketing sweet cherries, 05930
National securities market system act, hearings, 06372

Markets and marketing--Con.
open market operations in 1973, 08576, 08576
petroleum industry market performance and competition, hearings, 07520, 09045
poultry market statistics, 07129
producer-based cotton marketing system, 07121
public policy for American Capital markets, 07088
rural development insurance fund, provide secondary market, report, 03181
voluntary-area wide affirmative marketing agreements, 04497, 08635
wholesale data sources for market analysis, bibliography, 03306
wool program, 1972 marketing year report, 03843
Marking:
obstruction marking and lighting, 07787
registration, aircraft and related products, Federal aviation regulations, 01943, 10012
Marking machines:
road clearing, cleaning, and marking equipment, Federal item identification guide, 05238
Markov processes:
Monte Carlo analysis of rarefied-gas diffusion including variance reduction using theory of Markov random walks, 05626
Marquette Iron Range:
flotation of Marquette Range nonmagnetic taconite using innovative procedures, 07997
Marquette Range, *see* Marquette Iron Range.
Marriage:
marital status and living arrangements, Mar.1973, population characteristics, 06082
marital status of patients, admissions to State and county mental hospitals and outpatient psychiatric clinics, 10298
marriage licenses, Canal Zone issuance and recording, transfer functions from Clerk of United District Court to Civil Affairs Director of Canal Zone Government, report, 09888
remarriage, United States, 08111
statistics, United States, 1867-1967, 09530
teenagers, marriages, divorces, parenthood, and mortality, 00566
Married persons, *see* Husbands and wives.
Marrow:
active bone marrow, determinations of radiation dose from diagnostic X-ray examination, 05767
Mars (planet):
contrast method of pocessing photographs, USSR study, 03513
meteorology of Mars, 08743
Viking Mars entry vehicle aeroshell model, effects of projections and cavities on heat transfer, 10219
Mars rover, *see* Roving vehicles.
Marsh, John O., jr.:
nomination, hearings, 06368
Marshall County, Ky.:
soil survey report, 08219
Marshall Space Flight Center:
MSFC sortie spacelab environmental control system (ECS) phase B, 10233
research and technology progress reports, 11085
Marshals:
deputy, reclassification of positions, hearings, 04248
United States marshal series, position classification standard, 03966
Marston, Garth:
nomination, hearings, 10758
Martensite:
directional transformation in steel, texture behavior and martensite morphology, 06490
Martian atmosphere, *see* Atmosphere.
Martin, Manuela B.:
relief, 00875, 02908
Martin, Robert J.:
relief, 08992
Martorella, Jose C.R., *see* Recalde Martorella, Jose C.
Marxism, *see* Communism.
Maryland:
climatological data, 01738
income limits for rent supplement housing, 09367
landings, fish and shellfish, 02279
light air-cured, tobacco market review, 00004
local rail service zone, Secretary of Transportation report, 04755
National Capital parks, historic resource study, 01488
precipitation data, hourly, 02109
registry of minority contractors and housing professionals, listing in selected cities, 00452
regular income limits for sec. 235-6 housing, 09364
waste oil recovery and reuse program, 09999
water resources development, 11473
Masks:
mask generation, 07214
see also Oxygen masks.
Mass (physics):
mass and mass values, 08091
Mass media, *see* Communications.
Mass spectra, *see* Spectra.
Mass spectrometry, *see* Spectrometry.
Mass transfer:
heat and mass transfer in porous media, analysis using strongly implicit procedure, 08080
in lithium 1370°C (2500°F) thermal-convection loop, 08048
media, treatment of hazardous material spills, 06571
zero-gravity venting of three refrigerants, effect of interfacial mass transfer, 06886
Mass transit, *see* Local transit.
Massachusetts:
census portrait, 08315
landings, fish and shellfish, 02280
local rail service zone, Secretary of Transportation report, 04755
military base closures or realinement program, hearings, 04187-8
mineral industry, minerals yearbook chapter, 06833
shoe manufacturers and United Shoe Workers of America, wage chronology, 06804
strategies for restructuring State Department of Youth Services, Massachusetts experience, 11286
water quality management, statement, 11219
Massachusetts Avenue:
architecture, Northwest Washington, District of Columbia, 04420
Mastitis:
what you can do about it, 04776

Materials:
acceptable for use on telephone systems of REA borrowers, list, 04728
accessory materials for desalination plants, evaluation, final report, 03728
aerospace parts, materials, and processes experience summary to aid in minimizing recurrences of system failures, 11096
antenna-window materials, candidate space-shuttle thermal-protection-system, high-temperature dielectric properties, 11129
application of modern technologies to international development, list of reports, 01650
capacity utilization for major materials, 10914
corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
dust-control materials, investigation, 07716
dynamic response of materials to intense impulsive loading of aircraft, 02836
impact testing of materials using 8-inch air gun and computer reduction of data, 09696
improved materials utilization and durability for federally coordinated program of research and development in highway transportation, 00363
improvements needed in program for protection of special nuclear material, GAO report, 06684
major materials industries, capacity utilization, 01220
material cutting, shaping, and forming, 11651
material needs and environment, today and tomorrow, final report, hearings, 05148
materials acceptable for use on systems of REA electrification borrowers, list–
electrification, 04727
telephone, 04728
materials, parts, and appliances certified under technical standard order system for civil aircraft, index, 03333
materials sciences, weekly Government abstracts, 02774
NBS materials science and manufacturing in space research, 08095
outgassing data for spacecraft materials, compilation, 01407
performance in operating nuclear systems, symposium, 00749
research for manufacture of open-cycle MHD generator electrodes, USSR study, 06769
science, USSR and East Europe scientific abstracts, 02727
shortages, energy-sufficiency and controlled materials plan, 09935
Skylab experiments, materials science, information for teachers, 04612
solid waste recycling project, national directory, 03326
standard reference materials and meaningful measurements, symposium abstracts, 03642
superconducting, quarterly literature survey, 02635
three-point-bend test for materials with unequal tension/compression properties, 08737
timber, renewable material, 05657
toxic materials analysis of street surface contaminants, 00345
see also Composite materials.
Materials handling:
engineer design tests of modified dust-control materials and prototype equipment, 06531
equipment, miscellaneous, Federal item identification guide, 01074, 07617
equipment, self-propelled and non-self-propelled, Federal item identification guide, 01077
see also Cargo handling.
Materials Policy, National Commission on, *see* National Commission on Materials Policy.
Maternal and Child Health Service:
maternal and child health information, 02281
Maternal welfare, *see* Mothers.
Maternity *see* Mothers.
Mathematical analysis, *see* Mathematics.
Mathematical models:
advanced structural concepts for fuselage, 07187
analytical models and calculations, proposed rule making action, radioactive material in light-water-cooled nuclear power reactor effluents, 00754
application of repro-modeling to analysis of photochemical air pollution model, 10830
biological models of freshwater communities, 01150
biological systems, productivity and stability of space life support systems, 06899
career area rotation model, Air Force user's manual, 05973
climatological dispersion model, user's guide, 09995
computer model for determining bank storage at Hungry Horse Reservoir, northwestern Montana, 10949
conceptual design model for cost evaluation of alternative educational systems in managing Air Force Academy and Air Force ROTC, 04800
controlled evaluation of reactive environmental simulation model (REM) based on Lagrangian moving coordinate system, 05321
dynamic model of stage-discharge relations affected by changing discharge, 10318
effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle mathematical model, 06855
estimation of petroleum exploration success and effects of resource base exhaustion via simulation model, 05418
finite element analysis and computer graphics visualization of flow around pitching and plunging airfoils, 01388
for barged ocean disposal of wastes, 10841
helicopter reliability and maintainability analysis technique, 07191
hydraulic and mathematical model investigation, Chesapeake and Delaware Canal enlargement, 05313
hydrograph simulation models of Hillsborough and Alafia Rivers, Fla., 01256
injection of heated turbulent jet into cross flow, mathematical model analysis, 05635
landing-dynamics computer program for legged spacecraft landers, analytical model, 08050
mathematical ground-water model of Indian Wells Valley, Calif., 07855
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
mathematical models and computational techniques for analysis of nuclear systems, proceedings of 1973 conference, 06033

Mathematical models–Con.
modeling ionosphere and upper atmosphere, 1-3000 A solar flux for moderate level of solar activity for use, 03670
modeling of turbulent transport in surface layer, 03601
Monte Carlo analysis of rarefied-gas diffusion including variance reduction using theory of Markov random walks, 05626
non-coherent model for microwave emissions and backscattering from sea surface, 03590
numerical model of ride dynamics of a vehicle using a segmented tire concept, 01145
OASIA research balance of payments model, users manual, 10477
on-condition maintenance for helicopter transmissions, analysis of criteria, 06020
pork bellies, quarterly and shorter-term price forecasting models relating to cash and futures quotations, 04797
preliminary equation system describing effect of stacking faults on ultrasonic reflectivity, 05734
shipyard production and mobilization model, 11592
simulation model of farm sector social accounts with projections to 1980, 03876
snow accumulation and ablation model, National Weather Service River Forecast System, 10319
tests of urban meteorological-pollutant model using CO validation data in Los Angeles metropolitan area, 01156-7
theory of complex systems, USSR lectures, 01328-9
thermal radiation modeling for pollution predictions, 07748
two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977
urban air shed photochemical simulation model study, computer programs, 09278-81
variable-stress vehicle reliability model, 08539
Mathematics:
algorithm of operator activities in process of target classification of radar scope, USSR study, 05523
algorithms for controlling walking apparatus capable of overcoming obstacles, USSR study, 07925
computer programs, operational and mathematical, compilation, 00550
concept, algorithm, decision, USSR study, 00496
differential equations, advanced methods for solution, 03594
economic-mathematical analysis of intersectorial production balance of USSR, USSR study, 06788
flow field measurement in wind tunnel and calculation of second order F-function for sonic boom, 04608
improving elementary and secondary education in natural sciences, social sciences, mathematics, 10340
Laplace transform extended to Schwartz distributions, 11156
linear programing algorithm application to nonlinear minimax problems, 06860
local linearization algorithm for integration of quaternion rate equations in real-time flight simulation problems, development and application, 06866
mathematical methods of optimal planning development and use of energy systems, 01347
mathematical sciences, journal of research, National Bureau of Standards, 02197
mesoscale objective map analysis using weighted time-series observations of atmospheric circulation, 01477
parallel variable metric optimization algorithm, 06864
position of satellite with respect to magnetosphere of earth, 05737
radiation-sterilization of food, statistical analysis, 04854
rapid iterative reanalysis for automated design, 03605
round-off errors in cutting plane algorithms based on revised simplex procedure, 05628
social security amendments in Public law 93-66, some mathematical aspects, 05793
STAR adaption for 2 algorithms used on serial computers, 11102
theory and construction of multivariate Gaussian surfaces, 01501
use of mathematical methods to predict epiphytotic disease, USSR study, 06789
USSR and East Europe scientific abstracts, 02728
see also Equations–Iteration (mathematics)–Mathematical models–Numerical calculations–Programming (mathematics).
Matheny Creek:
floods on North Creek, South Creek, Catfish Creek, Clower Creek, Elligraw Bayou, Matheny Creek, Sarasota County, Fla., 00308
Mather Co.:
leaf springs for motor vehicles, workers and former workers of plant 1, Toledo, Ohio, Tariff Commission report, 07075
Matrices (mathematics):
scattering-matrix description and near-field measurements of electroacoustic transducers, 10270
stiffness matrix reduction for large structural systems using Cholesky decomposition, 09984
Mats:
heavy-duty truss-web extruded aluminum airfield landing mat installation, 10815
installation of XM19 airfield landing mat and ancillary items, 00317
Mattresses:
current industrial reports, 01846
Maui, Hawaii:
Kahului Harbor, west breakwater repair, final environmental statement, 00315
Maximum likelihood estimates:
lateral static and dynamic aerodynamic parameters of Kestrel aircraft (XV-6A) extracted from flight data, 10238
method under quantal responses for estimating parameters of normal distribution and its application to armor penetration problem, 05742
Maxwell equations, *see* Equations.
Maymi, Carmen R.:
nomination, hearing, 01036
Mayonnaise:
salad dressings, and related products, annual survey of industry, 03990
Mayors:
current energy shortages oversight, urban impact, mayors' panel, hearings, 09930

Mayors–Con.
District of Columbia, elect mayor and city council–
report, 04058
McCarver, Jesse and family:
relief, 00839, 00984
McCullen, Joseph T.,jr.:
nomination, hearing, 01017
McGee Creek Reservoir:
reclamation feasibility, investigation, authorize, law, 04001
McIntire-Stennis act, *see* Forests and forestry.
McKevitt, James D.:
nomination, hearings, 03249
McLucas, John L.:
nomination, hearing, 00201
McMillan, Lake:
potential water salvage in delta area, Eddy County, N. Mex., appraisal, 01252
McMinnville, Tenn.:
flood plain information, 06502
floods, 06517
Mead, Lake:
large-magnitude late Tertiary strike-slip faulting north of lake Mead, Nev., 06704
Meadows:
Colorado, water use by native grasses in high altitude, 08274
Meagher County, Mont.:
conservation needs inventory for land resource planning, 07035
Meal:
barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
packaging cornmeal, evaluation of paper, cotton, and polyethylene-film bags, 00012
Measles:
rubella surveillance report, 06098
surveillance, Center for Disease Control, 00783
Measurements:
accurate microwave measurement methods and standards, applications of waveguide and circuit theory, 03634
adaptation of advanced measurement and evaluation techniques for utilization in Air Force technical training systems, 05970
advanced torque measurement system, 06018–
technique for aircraft turboshaft engines, 04875
concept and measurement of corporate profits, 07524
convective velocities in turbulent boundary layer, measurements and model, 03607
current measurements in Salton Sea using ERTS multispectral imagery, 04719
engine exhaust emission measurements of T 53 and T 55 gas turbine combustor, 10513
engineering and construction manual for instrument to make burn hazard measurements in consumer products, 08104
environmental radiation exposure rates by high pressure argon ionization chamber systems, 02854
evaluation of measurement methods and standards, applications of waveguide and circuit theory, 03634
experimental measurement and theoretical analysis of large plastic deformations, procedures, 11103
field measurements of particle size distribution with inertial sizing devices, 03321
flight noise measurement and reduction program using standard and modified SH-3A helicopter, 08051
flow in base cooling air passages of rotating turbine blade, 11153
helicopter gross weight and center of gravity rotor lift measurement system, 06021
instrumentation for measurement of particulate emissions from combustion sources, 07742
measure carbon monoxide in atmosphere, analysis of feasibility of experiment, 04602
measuring noise of paper caps, development of procedure, 01426
measurement and characterization of particles in wet scrubbing process for SOx control, 04360
meteorological measurements with satellites, USSR study, 01342
multichannel ocean color sensor (MOCS) measurement of ocean water color, 03583
noise measurements, standards, rating schemes, and definitions, 03641
non-ideal sliding short to two-port component loss measurement, application, 06917
nonionizing radiation measurement capabilities, State and Federal agencies, 00608
overlap, measurement agreement through process evaluation, 00560, 08755-6
precise measurement of amplifier noise, considerations, 01422
pressure measurements on leading edge of swept wing at Mach 2.2, 11127
pump acceptance test, flow measurements by salt velocity methods, 05774
rapid and accurate measurement of nitrate and sulfate in atmospheric particulates, methods, 07746
remote measurement of underwater currents using acoustic doppler techniques, 04681
rf power and attenuation using superconducting quantum interference devices, measurement, 01423
semiconductor materials, process control, and devices, 03647
standard reference materials and meaningful measurements, symposium abstracts, 03642
surface resistivity, detection and delineation of faults, Gas Hills region, Fremont and Natrone Counties, Wyo., 07995
techniques and standards of electromagnetic quantities from D-C to millimeter-wave frequencies, abstracts of selected articles, 01903
timber measurement and management planning in Northwest, 11532
toward RADSCAT measurements of winds over sea and their interpretation, 03592
users bulletin, 02285
Measures, *see* Metric system–Weights and measures.
Measuring instruments:
commerical specifications, tolerances, and technical requirements, 06904
craftsmens measuring tools, Federal item identification guide, 05247
devices not copyrightable, 07583
pressure, temperature, humid measure-control instruments, Federal item identification guide, 07618
see also Electromagnetic measurements.
Measuring tools, *see* Measuring instruments.

Meat:
chemical compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs, list, 05986
cooking procedures and recipes for using irradiation sterilized meats , 04834
directory of meat and poultry inspection program establishments and officials, 01887
Federal meat inspection act, amend, hearings, 06269, 06358
foreign agriculture circulars, 02039
foreign meat inspection, 1973 report, 05938
freezing in the home, 00010
glycerol interference in determination of crude fiber, fat, and moisture in intermediate moisture meat products, 04852
home-cured, protecting from insects, 07116
information on Federal agencies having impact on production and marketing of meat, GAO report, 09342
inspection regulations of USDA, 00032-3, 00733, 03895-6, 04816-7, 09679
livestock and meat situation, 02253
livestock slaughter, meat production, 10447
market news, weekly summary and statistics, 02254
meat and poultry inspection manual, 05987, 07164
meat and poultry inspection, 1972 report, 04784
meat and poultry inspection regulations, 00033, 05988
reports on condition of meat, product examination service, 07119
standardizing container sizes for shipping fresh meat products, 02804
State inspection standards, hearings, 04186
what's happening on meat scene (address), 07132
Meat packing plants, *see* Packing industry.
Meats, *see* Meat.
Mechanical designs, *see* Designs (industrial).
Mechanical engineering:
weekly Government abstracts, 02772
Mechanical equipment, *see* Machinery.
Mechanical mobility:
vehicle/road compatability analysis and modification systems (VRCAMS), 06535, 07718
Mechanical properties:
determining static mechanical properties of pneumatic tires, testing techniques, 11090
mechanical, thermal, and electrical properties of selected polymers, compilation and evaluation, 03631
metallurgy of dilute mischmetal Mg alloys as observed in 40mm liners, 05730
properties of dispersion strengthened chromium-thoria alloys produced by ball milling in hydrogen iodide, 09504
Rapsodie clads and hexagonal wrappers, steel swelling, 07210
Mechanics (persons):
aviation structural mechanic 3&2, rate training manual, 10365
Mechanics (science):
aircraft motion, flight mechanics calculation and analysis, 06898
boundary-integral methods in solving elasticity and plasticity problems in science and engineering, 06879
computer aided design of mechanical systems, engineering design handbook, 00736
design criteria for mechanical, electric, and fluid system and component reliability, 07094
experimental measurement and theoretical analysis of large plastic deformations, 11103
injection of heated turbulent jet into cross flow, fluid mechanics analysis, 05635
mechanical component failure prognosis study, 06014
methods for improvement of trickling filter plant performance, mechanical and biological optima, 01165
orbital mechanics of flight mechanics, 06849
plane strain and elastic-plastic fracture mechanics options, generalized procedures for use in modernization of nuclear standards, 08170
Skylab experiment, mechanics, information for teachers, 01395
Mechanisms, *see* Machinery.
Mechanization:
information services catalog, 09522
money payments in perspective (remarks), 03368
see also Automation.
Mechunk Creek:
floods, how to avoid damage, 11467
Medal of Honor:
change name to Congressional Medal of Honor, hearings, 08385
recipients, 1863-1973, list, 04261
Medals:
cable car 100th anniversary commemoration—
law, 02939
report, 02995
International Exposition on Environment, Spokane, Wash., commemorative medals, authorize—
law, 10565
report, 00913, 00995
J. Edgar Hoover, commemorative medals—
report, 04075
Jim Thorpe, commemorative medals—
law, 00847
report, 00913, 00995
medals of United States Mint, 06841
statehood of Colorado, 100th anniversary, commemorative medals, authorize—
law, 06184
report, 02993, 09148
Medicaid:
medicare, which is which?, 04578
see also Medicare.
Medical assistance:
financed under title XIX of Social security act, 02287
see also Medicaid-Medical care.
Medical care:
age differences in spending, 08216
all Union conference, pharmacology of antiradiation preparations, 07223
alternative to CHAMPUS program for beneficiaries of Defense Department is use of health maintenance organizations, authorize, report, 03037, 03053
ambulatory care, health delivery trends, 04976
barriers to health care for older Americans, hearings, 04180, 05106, 06354-5
comprehensive health planning as carried out by State and areawide agencies in three States, GAO report, 10075
deduction for medical and dental expenses, 04511
Emergency medical services systems act—
law, 04009
report, 03059, 03063, 03156

Medical care–Con.
emergency medical services, crash injury management for traffic law enforcement officers–
course guide, 01448
instructor's lesson plans, 06943
student study guide, 01449
emergency medical services, highway safety program manual, 11172
emergency medical services, questions & answers, 00572
energy crisis effects on health care system, hearings, 07556
financial planning in ambulatory health programs, announcement, 10102
hemophilia treatment in United States, pilot study, NHLI'S blood resource studies, 01439
home health care–
hearings, 06354
report, 07462
human health and progress, USSR study, 09658
impact of cost-sharing on use of ambulatory services under medicare, 03738
medical care expenditures, prices, and costs, background book, 07032
medical information for air ambulance operators, 10021
national ambulatory medical care survey, background and methodology, 11171
national health expenditures, fiscal year 1973, 08210
policies and costs, hearings, 05010
social work guide for long-term care facilities, 08776
specialized emergency medical aid facilities and personnel in RRSFSR, USSR study, 01334
standards of medical fitness, Army regulation, 07167
Veterans health care expansion act, report, 03129
see also Health insurance–Medicare.
Medical Center for Federal Prisoners:
Springfield, Mo., inspection, 09844
Medical certificates:
aviation medical examiners, 04902
reviewing and acting on, FPM manual, 01982, 11335
Medical corpsman:
comparison of task difficulty ratings made by nurses and medical service corpsmen, 10502
Medical Department (Navy):
manual, 05571, 06818, 10175
Medical devices, *see* Medical instruments and apparatus.
Medical education, *see* Medicine.
Medical examination, *see* Physical examination.
Medical examiners:
aviation, directory, 00756, 04902
Medical facilities, *see* Health centers–Hospitals–Veterans hospitals.
Medical instruments and apparatus:
medical and surgical instruments, equipment, and supplies, Federal item identification guide, 03270
medical device legislation introduced in 93d Congress, 00145
medical devices, insure safety, effectiveness and quality controls, hearings, 08410
medical type components and accessories, Federal item identification guide, 01070
regulation of medical devices, intrauterine contraceptive devices, hearings, 00935
X-ray equipment and supplies, Federal item identification guide, 01072
Medical insurance, *see* Health insurance-Medicare.
Medical Insurance Trust Fund Federally Supplementary, *see* Board of Trustees of Federal Supplementary Medical Insurance Trust Fund.
Medical journals:
index medicus, journals indexed, list, 08780, 09543, 11689
Medical libraries, *see* Libraries.
Medical literature:
bibliography of medical reviews, cumulated, 08780, 09543
Medical literature analysis and retrieval system:
MEDLINE (MEDLARS On-Line), 10307
Medical officers:
uniformed services, revise special pay sturcture–
hearings, 08382, 09054
report, 06350
see also Physicians.
Medical personnel:
allied health professions, special improvement grants, 10095
American Indian students pursuing professional health careers, directory, 10096
Armed Forces, authority for special pay, extend, hearings, 09819
Federal health personnel in 1972, 10344
Federal scientific, technical, and health personnel, 03682
grants for public health special purpose area traineeships, 10097
health professions, costs of education, study report, 08621
health professions special project grants, 10098
how health professions students finance their education, 05440
job analysis of medical service career field, 09669
MEDIHC, military experience directed into health careers, conference proceedings, 05443
national high blood pressure education program, professional education, 06938
nonprofit hospitals, coverage under National labor relations act, hearings, 05167
Operation MEDIHC, military experience directed into health careers, for health trained service personnel, 06712
preparation for health career advancement for American Indians and Alaska natives, 07892
professional standards review organizations, background material, 09203
public and community health personnel training programs, establish, hearings, 07426
specialized emergency medical aid facilities and personnel in RSFSR, USSR study, 01334
staffing of mental health facilities, 06958
Medical practice, *see* Medicine.
Medical radiology:
health physics in healing arts, Health Physics Society, topical symposium, 05765
physicists in medicine, status and future manpower needs, 07014
scientific seminars of Nuclear Medicine Laboratory dedication, 07013

Medical records:
reviewing and acting on medical information, 11335
Medical schools:
District of Columbia, Federal financial assistance, extend, hearings, 09823
graduate medical education in U.S. Air Force, 05979
State, assistance in establishing, law, 02954
Medical service, *see* Medical care.
Medical social work:
medical aspects of long-term economic development of Angar-Yenisey region, USSR study, 07932
social work guide for long-term care facilities, 08776
Medical specialists:
medical specialties, annotated bibliography and selected ongoing studies, 04486
Medical supplies:
hospital and medical bags, cases, covers and pads, Federal item identification guide, 01067
Medical treatment, *see* Medical care.
Medical zoology, *see* Zoology.
Medicare:
age differences in medical care spending, 08216
aged, general enrollment period, 1973, 10414
current medicare survey report, CMS series, 03738
Federal health benefits coverage supplemental to medicare program, 09107
geographic index of reimbursement, analysis of stability, 11767
health insurance for aged, monthly reimbursements per person by State, 09610
health insurance statistics, HI series, 09620, 10296, 10411-5, 11231
health insurance under social security, 10423
impact of cost-sharing on use of ambulatory services under medicare, 03738
medicaid, medicare, which is which?, 04578
medical insurance sample, prescription drugs not reimbursed by SMI, 10411
medicare record check, evaluation of persons in 1970 census, 06074
medicare, health insurance for the aged, 00635, 08842
persons meeting supplementary medical insurance deductible, 10415
program, 1971 Advisory Council on Social Security report, 04772
providers and suppliers of services under health insurance for the aged, 07031
railroad retirement changes, retirement, survivor, 00611
railroad workers and their families, 00610, 08822
short-stay hospital utilization for aged, 10635
use of physicians' services by geographic region, 10412
utilization of services and reimbursement per person served by geographic division and State, 10413
your medicare handbook, health insurance under social security, 05798
Medicinal substances, *see* Medicines.
Medicine:
aerospace medicine and biology, bibliography, 01606
associate training programs, medical and biological sciences, NIH, 05685
aviation medical examiners, directory, 00756
aviation medical report AM series, 00047, 07245-52, 08901-3, 09705, 10529-32, 11312-3
entering agreement to practice in shortage area to repay educational loans, 07872
FDA clinical experience abstracts, 01939
fifty years of Uzbekistan public health and medicine, 01325
foreign medical students in Americas, 07873
Gorgas Memorial Institute of tropical and preventive medicine, 08353, 08405
graduate medical education in U.S. Air Force, 05979
group medical practice facilities, FHA mortgage insurance program, 06715
guide to literature of epidemiology, preventive medicine, and public health, current bibliography of epidemiology, 01833
history of legal medicine, international bibliography, 11177
history of medicine, 1971, bibliography, 10306
horizons in space biology and medicine, USSR study, 06765
human health and progress, USSR study, 08658
index medicus, 02147–
abridged, 01593
cumulated, 08780, 09543
machine diagnosis and information retrieval in medicine in USSR, 01321
medical and health related thesuarus, 01467
medical aspects of cold water immersion, 07964
medical basis for comprehensive community hypertension control programs, 04726
medical research in Veterans' Administration, 09858
medical standards and certification, Federal aviation regulations, 01950
medical subject headings, index medicus, cumulated, 02147, 08780
Navy, statistics, quarterly, 02617
preventive medicine, grants for residency programs, 10099
Soviet medicine, bibliography of bibliographies, 00493
space biology and medicine (periodical), 02605
space biology and medicine concise handbook, dictionary, etc., 05514-5
spaceflight, some general principles for studying combined effect of factors in space medicine, USSR study, 09410
stable isotopes in chemistry, biology, and medicine, conference proceedings, 06034
technical assistant, examination announcement, 00077
U.S. Navy medicine (periodical), 02707
UCLA health sciences computing facility, 08138
United States-Japan cooperative medical science program, annual report, 09755
USSR, Academy of Medical Sciences, vestnik (periodical), 02733
VA programs for sharing, annual reports–
medical facilities, 09245
medical information, 09244
medical resources, 09122
weekly Government abstracts, 02775
witchcraft and medicine, 1484-1793, exhibit at National Library of Medicine, 11175
see also Nuclear medicine.
Medicines:
medicinal chemicals, production and sales, 09635

MEDIHC (military experience directed into health careers), *see* Medical personnel.
Mediterranean countries:
contributions to hydrology of Africa and Mediterranean region (series), 08618, 10090
MEDLARS, *see* Medical literature analysis and retrieval system.
MEDLINE (MEDLARS On-Line), *see* medical literature analysis and retrieval system.
Meeker Dome:
feasibility of control of seepage of saline ground water, 10872
Meeker Well:
other phenomena in vicinity of Meeker Dome, Rio Blanco County, Colo., feasibility of control of seepage of saline ground water, 10872
Meetings, *see* Conferences, congresses, etc..
MEGA, *see* Health, Education, and Welfare Department.
Meigs County, Tenn.:
soil survey report, 08221
Mekong River and Valley:
Pa Mong, key to development of lower Mekong, 10394
Melanesia:
journal, expeditions to study child growth and development, behavior and diseases patterns, human genetics and kuru, 06962
Melbourne, Fla.:
area wage survey, 04564
Melendrez, Faustino Murgia, *see* Murgia-Melendrez, Faustino.
Melons:
census of agriculture, 07253
Melting:
factors affecting melt down of soft serve imitation ice milk, investigation, 04832
separating copper from scrap by preferential melting, 04590
Member banks, *see* Federal reserve member banks.
Membranes:
evaluation for hemodialyzers, 06947
liquid-crystal structure of biological membranes, USSR study, 10999
Memorial services:
Begich, Nick, 00818
Boggs, Hale, 00817
Holland, Spessard L., 06312
Hoover, J. Edgar, memorial tributes, 11405
Johnson, Lyndon Baines, 06211
Mills, William O., 07344
Truman, Harry S., 08351
Memorials, *see* National monuments and memorials.
Memory:
change of mneumanic function in adults, USSR study, 09916
possible memory impairment resulting from nitrogen narcosis in rhesus monkey, 06826
Memory devices, *see* Magnetic memory.
Memphis, Tenn.:
current housing market situation, 07802
Mississippi River and tributaries, stages and discharges, Memphis district, 06528
motor carrier accident investigation report, 09477
Operation Breakthrough, site planner's report, 10971
Men:
men's attitudes toward cotton and other fibers in selected clothing items, 03856
Mena, Ark.:
aircraft accident report, 10351
Menarche, *see* Menstruation.
Mendocino National Forest:
designate certain lands as Snow Mountain Wilderness, hearings, 04111, 04228
Menhaden:
seasonal occurrence of young gulf menhaden and other fishes in northwestern Florida estuary, 03672
Menominee Indians:
Federal supervision over property and members of tribe, terminate, restore Federal services furnished to Indians, hearings, 04109
Federal supervision, restore–
hearings, 07530
law, 06164
Wisconsin tribe, act terminating Federal supervision over property and members, repeal–
report, 03036, 04179
Men's clothing, *see* Clothing.
Menstruation:
age at menarche, United States, 05652
Mental disorders:
antipsychotic action of some neuroleptics on model of LSD psychosis, USSR comparative study, 01346
emotionallly disturbed children, hospital inpatient treatment, 11686
lithium in treatment of mood disorders, 10294
psychiatry in USSR, history and development, 00506
Mental health:
administration in mental health, 05677
care, financing in United States, 06957
continuing education in mental health, project summaries, 10293
directory, 00578
estimating mental health needs using 1970 census socioeconomic data, model, 10296
in schools, annotated bibliography, 06953
international collaboration in research, services, training, drug abuse, etc., 04665
it's good to know about mental health, 00577
Latino mental health, bibliography and abstracts, 09538
Latino mental health, review of literature, 11685
mental health, alcohol abuse, drug abuse, and mental retardation, definitions and terms, 09539
mental health and related services, foundation support, handbook, 09537
mental health digest, 02290
newsletter for research in mental health and behavioral sciences, 02376
one to grow on, film and discussion series for mental health in classroom, announcement and order form, 10297
rural programs of National Institute of Health, 05681
services of social workers under Federal employees health benefits program, hearings, 09849
statistics–
analytical and special studies reports, 05682, 06958
mental health facilities report, 11686
methodology report, 08132, 09539
voluntary agencies and community mental health services, 08777
Mental health centers, *see* Mental institutions.
Mental hospitals, *see* Mental institutions.

Mental institutions:
admission rates by highest level of education attained, State and county mental hospitals, 10300
admissions to State and county mental hospitals, 10298
Community mental health centers—
act, appropriations authorizations, extend, hearings, 00939
minimum statistical and accounting system, 08132
oversight, hearings, 04123
federally funded community mental health centers—
daycare services, 04670
directory, 09536
inpatient treatment, 04669
outpatient treatment services, 04668
general characteristics of additions to federally funded community mental health centers, 01457
mental health facilities—
report, statistics, 11686
utilization, 05682
multiple source funding and management of community mental health facilities, selected papers, 06959
patient care episodes in psychiatric services, 1971, United States, 01459
patients at Federally funded rural community mental health centers in 1971, 10299
sources of funds, federally funded community mental health centers, 01458
staffing of mental health facilities, 06958
volunteer agencies and community mental health services, 08777
walk-in emergency mental health services, directory of general hospital providing, 06956
Mental retardation:
abstracts (periodical), 02291
infancy and childhood, collaborative study, bibliography, 06961
mental health, alcohol abuse, drug abuse and mental retardation, definitions and terms, 09539
PCMR message, 02423
programs for the handicapped, Office of Mental Retardation (periodcial), 02502
silent minority, 09583
Mental tests:
intellectual development of youths as measured by short form of Wechsler intelligence scale, 06928
validation of two aircrew psychomotor tests, 08887
see also Performance tests (human).
Mentally ill:
Navy and Marine Corps personnel admitted to psychiatric sick list, actuarial odds scores for return to duty success, 06821
outpatient psychiatric services, statistics, 10295
patient care episodes in psychiatric services, 1971, United States, 01459
residents in psychiatric halfway houses, selected characteristics, 01460
Mentally retarded:
guide to job placement of mentally retarded, 10372
Merced County, Calif.:
ground water pumpage, 07850
Merchant marine:
act, amend—
hearings, 07438
report, 02941, 02998
act, maritime progress since its implementation (remarks), 04575
American intermodal equipment, 1973, inventory, 10173
growth and development of U.S. shipping and ship building industries under Merchant Marine Act of 1970 (remarks), 03552
international conference system to improve ocean commerce (remarks), 10910
maritime briefings for Congress, hearings, 07437
maritime manpower report, seafaring, longshore and shipyard employment, 02276
new maritime technology (remarks), 01204
provisions to develop balanced fleet and improved labor-management relations in shipbuilding (remarks), 06815
resurgence of maritime industry under Merchant marine act and energy conservation, 04964
USSR, operation of the fleet, USSR information, 03527
see also Shipping-Ships.
Merchant Marine and Fisheries Committee, House:
calendar, 02217
committee print, 00153
hearings, 00152, 00941, 04131-5, 07435-9, 08424, 09103-4, 09848, 10709-10
report, 02998, 03000-1, 03003, 03034, 06241-2, 06246, 07375, 07377, 07380, 08370, 08375, 09026, 09041, 09771, 09775, 10640, 10648, 11377
Merchant ships, *see* Ships.
Merchant vessels, *see* Ships.
Merchants, *see* Retail trade-Wholesale trade.
Mercury:
collaborative program on mercury between Universities of Baghdad, Iraq, and Rochester, NY, 10337
concentrations in fish in Lake Oahe, S. Dak., 10874
inorganic mercury, occupational exposure, criteria for recommended standard, 08121
measurements of mercury sorption by algae, 09575
mercury-hazard potential, Warm Springs Dam and Lake Sonoma project, Dry Creek Basin, Sonoma County, Calif., 07857
mercury in environment, 07752
mercury on organisms, chronic effects, 10151
mineral industry survey, quarterly, 02293
Mercury (planet):
ballistic mode mercury orbiter mission opportunity handbook, 00546
Venus and Mercury as planets, 11671
Venus and Mercury encounters, 11673
Mergers *see* Business consolidations.
Merit systems:
Federal manager's responsibilities under merit system, 09715
see also Civil service.
Mesa Verde National Park:
addition to National Wilderness Preservation System, proposal, 06221
Mesabi Range:
hydrogeology of glacial drift, Mesabi Iron Range, northeastern Minnesota, 06708
northeastern Minnesota, petrography and stratigraphy of glacial drift, 05419
Mesosphere:
measurements of structure and circulation, 08081

Mesosphere–Con.
winter anomalous radio wave absorption days at 32° N latitude and prevalent solar radiation, 04827
Metabolism:
circadian, endocrine, and metabolic effects of prolonged bedrest, studies, 11107
iodine metabolism in children and adolescents in area of community, 08298
metabolism of carbamate insecticides, 10828
mineral and electrolyte responses following severe decompression stress, 03557
Metabolites:
M-222 and metabolites in fish tissues, methods for simultaneous determination and identification, 05811
residues in striped bass following anesthesia, 05811
Metal coatings:
fabrication of clad tube for fast reactor fuels, 09693
performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests, 11135
sprayed coatings for rocket thrust chambers, plasma tests, 11657
thin-film hybrid microcircuit substrate metallization, 07219
see also Coating materials.
Metal drawing:
metal decorating and web offset processes, emissions and control technologies, 03883
Metal finishing:
in-process pollution abatement, metal-finishing facilities, 08868
upgrading metal-finishing facilities to reduce pollution, 08868
Metal plating, *see* Plating.
Metal shapes, *see* Shapes (metal).
Metalizing, *see* Metal coatings.
Metallurgy:
dilute mischmetal Mg alloys observed in 40mm liners, 05730
ferrous mettallurgy in 9th five-year plan, USSR study, 03518
field surveillance and enforcement guide for primary metallurgical industries, 06578
metallurgical upgrading of automotive scrap steel, 06043
new materials in engineering, USSR study, 07914
nuclear, material performance in operating nuclear systems, 00749
plasma processes in metallurgy, USSR study, 05527
Skylab experiments, materials science, information for teachers, 04612
USSR and East Europe scientific abstracts, 02727
Metals:
advanced composite adhesive, bonded metal joints, 08711
aircraft metal structures reinforced with filamentary composites, 08017
ASRDI oxygen technology survey, characteristics of metals that influence system safety, 09486
atomic absorption methods of oilfield brines, 10197
cleaning metal furniture, 03870
compatibility of refractory metal-clad rods for nuclear reactor poison control systems, 08045
compounds of rare earth metals with cobalt as materials for permanent magnets, USSR study, 05504
coordination compounds, stability constants, complexes of diethylenetriamine, 07996
cycling and control of metals in enviornment, 01149
determining effects of gasoline price on use of metals in automobile manufacture, 06838
direct determination of metals in air, 06553
distribution of metals in Baltimore Harbor sediments, 07728, 10821
duty on metal scrap, extension of suspension–
law, 00095
report, 03143
expanded metal of base metal for Japan, Tariff Commission report, 07071
factors affecting minature Izod impact strength of tungsten-fiber-metal refractory metal-matrix composites, 06874
fencing, architectural and related metal products, Federal item identification guide, 04315, 07619
friction behavior of glass and metals in contact with glass in various environments, 08068
heavy, electrochemical removal from acid mine drainage, 10845
high-velocity-oxidation performance of metal-chromium-aluminum coatings on nickel alloys, 09505
instrumentation for monitoring specific particulate substances in stationary source emissions, 10832
liquid-metal flows in magnetohydrodynamic systems, USSR study, 03509
metallic recovery from waste waters utilizing cementation, 07770
metallic shear walls for BMD ground support systems, 09983
NASA-TRW VIA, B-1900, 713C, and 738X, isothermal and cyclic oxidation at 1000° C of 4 nickel-base refractory metal alloys, 06888
removal of heavy metals from mine drainage by precipitation, 06572
sliding of poly (vinyl chloride) on metals studied by Auger electron spectroscopy, 08070
SNAP-8 refractory metal boiler development program, 10206
soft X-ray emission spectra of metallic solids, 09515
solute diffusion in liquid metals, 03618
strain-cycling fatigue behavior of 10 structural metals, 09506
trace metal water pollutants determined by X-ray fluorescence, 08173
see also Alloys-Creep of metals-Fracture of metals.
Metalworking:
bending, cutting, and forming machines and tooks, for secondary metal working, Federal item identification guide, 03288
Metalworking machinery:
current industrial reports, 01847
Meteorites:
Wolf Creek meteorite disintegration and formation of pecoraite, nickel analog of clinochrysotile, 10088
Meteorological apparatus and instruments, *see* Rawinsonde.
Meteorological data:
statistical prediction of equilibrium temperature from standard meteorological data bases, 05326

Meteorological plotting charts, *see* Maps and charts.
Meteorological satellites, *see* Satellites.
Meteorological Services and Supporting Research, Federal Coordinator for, *see* Federal Coordinator for Meteorological Services and Supporting Research.
Meteorology:
climates of United States, 05314
Federal meteorological handbook, 06122-3
high altitude meteorological data, report, 01863
key to meterorological records documentation, 02202
Mars, meteorological research, 08743
meteorological effects of cosmic rays, 03621
meteorological effects on microwave apparent temperatures looking downward over smooth sea, 03589
meteorological episodes of slowest dilution in contiguous United States, 07736
meteorological measurements with satellites, USSR study, 01342
meteorology and hydrology, 02294
National Weather Service River Forecast System, snow accumulation and ablation model, 10319
physical oceanographic and meteorological data from, monitor cruises, EASTROPAC atlas, 01470
records documentation, 00323, 01146, 03319, 07719-22
summary of synoptic meteorological observations–
Chinese-Philippine coastal marine areas, 11706-10
Hawaiian and selected North Pacific Island coastal marine areas, 11711
Japanese and Korean coastal marine areas, 11712
western European marine areas, 08175
tests of urban meteorological-pollutant model using CO validation data in Los Angeles metropolitan area, 01156-7
White Sands Missile Range, N. Mex., apparent 7-day period in visibility data, 04825
see also Weather.
Meteors:
physical and dynamical studies, 03585
Meters:
commercial integrating-type noise exposure meters, evaluation, 08097
electronic/electrical various, Federal item identification guide, 03265
Methodone:
treatment manual, 09434
Methane:
bleeder system in virgin area in Pittsburgh coalbed mine, 03572
control by isolation of major coal panel, Pittsburgh coalbed, 07987
control for longwalls in Pacahontas 3 coalbed, 09472
control in eastern U.S. coal mines, 03560
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
Methanol:
duty-free entry–
hearings, 08443
report, 09038
Methaqualone:
bibliography, 05654
Methodology:
commodity transportation survey, expansion project, 06079
data-based methodology for specifying construction project durations, 03318, 07682
methodologies for determining reading skills and requirements of Air Force career ladders, 08885
microbiological requirements and methodology for food in military and Federal specifications, 04853
pension benefit levels, methodological analysis, 10416
rapid and accurate measurement of nitrate and sulfate in atmospheric particulates, methods, 07746
Methoxychlor:
effects on aquatic biota, 06548
Methyl alcohol, *see* Methanol
Metric system:
all you need to know about metric for your everyday life, 03626
all you need to know about metric for your everyday life [poster], 03627
Metric conversion act–
hearings, 00163, 07480
report, 03061, 10634
metric in everyday use, 08089
some references on metric information, 06913
toward a metric America, brief bibliography and other references, 03637
U.S. metrication, background and prognosis, 00085
what about metric?, 03636
Metro system, *see* Washington Metropolitan Area Transit Authority.
Metropolitan areas, *see* Cities and towns.
Metropolitan Edison Company:
fiche index for nuclear dockets, 02853
Mexican-Americans:
education study, report (series), 08321
elderly, proposals to eliminate legal barriers, working paper, 09180
Institute of Narcotic Addiction among Mexican Americans in Southwest, proceedings, 04666
Latino mental health, literature review, 11685
toward quality education for Mexican Americans, 08321
Mexico:
agriculture inspection on Mexican borders, 00017
air transport services, agreement, 01578
Colorado River salinity, agreement, 01580, 05830, 08235
control salinity of water delivered to users from Colorado River basin, report, 10666
cooperation in combating illicit international traffic in narcotics and other dangerous drugs, communications equipment, agreement, 05845
economic trends and their implications for United States, 03476
epidemiological study of narcotics abuse, agreement, 07058
fertilizer marketing system, 03802
Harkness collection in Library of Congress, guide to manuscripts, 11031
law and legal literature of Mexico, revised guide, 03546
market profiles, 00289
picker sticks, Tariff Commission report, 11263
radio broadcasting in standard broadcast band, agreement, 03782
Mexico-United States Interparliamentary Group:
13th meeting, Senate delegation report, 00221
Mexico, Gulf of:
basin, geologic structures, 01264

564-800 O - 75 - 21

Mexico, Gulf of–Con.
distribution of selected elements in surficial marine sediments of northern Continental Shelf and slope, 05435
nomograph for estimating hydrocarbon lease bonus bids, offshore petroleum studies, 01373
MHD, *see* Magnetohydrodynamics.
MHD generators, *see* Magnetohydrodynamic generators.
MIA (missing in action), *see* Missing persons.
Miami Canal:
preliminary evaluation of infiltration from Miami Canal to well fields in Miami Springs-Hialeah area, Dade County, Fla., 01262
Miami, Florida:
aircraft accident report, 01498
Miami Indians:
reading list, 00468
Miami International Airport:
water quality, 01274
Miami Springs, Fla.:
preliminary evaluation of infiltration from Miami Canal to well fields in Miami Springs-Hialeah area, Dade County, Fla., 01262
Mica:
mineral industry surveys, 05582
Mice:
atlas of RF mouse pathology, disease descriptions and incidences, 06056
Michigan:
census of population, 1970, characteristics of population, 00762
climatological data, 01739
electric rate book, 04410
local rail service zone, Secretary of Transportation report, 04756
precipitation data, hourly, 02110
registry of minority contractors and housing professionals, listing in selected cities, 00454
rivers, designated certain ones for addition to national wild and scenic rivers system, hearing, 04229
water resources enforcement and information system, 01186
Michigan, Lake:
seasonal variation of nitrogen, phosphorus, and chlorophyll in Lake Michigan, 05814
thermal characteristics, 01563
Mickow Corp.:
motor carrier accident investigation report, 01384
Micro-organisms:
microbial degradation of petroleum in Continental Shelf sediments, 05303
nitrate and nitrite volatilization by microorganisms in laboratory experiments, 04363
sources and management for development of fermentation industry, 07108
subsurface biological activity in relation to ground water pollution, 04367
Microanalysis, *see* Electron probe microanalysis.
Microbes, *see* Micro-organisms.
Microbiologists:
Food and Drug Administration, job description, 10929
Microbiology:
microbial aerosols, primary distribution in respiratory system, USSR study, 06775
microbiological characteristics of typical bath and laundry waste water, 08736
microbiological requirements and methodology for food in military and Federal specifications , 04853
Soil Microcommunities Conference proceedings, 09697
Microclimatology:
tables and conversions for microclimatology, 08584
Microelectronic circuits, *see* Circuits.
Microelectronics, *see* Electronics.
Microfilming, *see* Microphotography.
Microfilms:
National Archives and Records Service microfilm publications, general information, 03624
National Archives publications, select catalog, black studies, 04635
Micrometeoroids:
characteristics of capacitor-type micrometeoroid flux detectors when impacted with simulated micrometeoroids, 06867
removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
Micronesia:
Micronesian claims act of 1971, amend–
hearings, 01033
law, 02951
report, 03159
Microphones:
microphones and microphone elements, Federal item identification guide, 04283
response variations of microphone worn on human body, 01381
Microphotography:
microfilming of books and pamphlets in Library of Congress, specifications, 01366
Microscopes:
optical analysis of compound quasi-microscope for planetary landers, 10237
Microseisms:
microseismic source locations around block caving at Climax molybdenum mine, 04585
Microstructure:
dilute mischmetal Mg alloys observed in 40mm liners, 05730
Microwave equipment:
scanning microwave radiometer, dependence of antenna temperature on polarization of emitted radiation, 06981
Microwave ovens, *see* Ovens.
Microwave tubes:
magnetic refocusing in linear-beam microwave tubes, evaluation, 11143
Microwaves:
accurate microwave measurement methods and standards development, applications of waveguide and circuit theory, 03634
backscattering from two-scale rough surface with application to radar sea return, 03591
effective use of millimeter wave GHz band, information needed, 08964
high frequency and microwave signals, frequency stability specification and measurement, 01419
measurement techniques and standards of electromagnetic quantities from D-C to millimeter-wave frequencies, abstracts of selected articles, 01903
meteorological effects on microwave apparent temperatures looking downward over smooth sea, 03589
microwave landing system, national plan for development, 11503

Microwaves–Con.
microwave-induced plasma spectrometer for trace analysis, 07753
national plan for development of microwave landing system, 11272
non-coherent model for microwave emissions and backscattering from sea surface, 03590
permeability of mucous membrane of frontal sinus under influence of microwaves, USSR study, 09407
radiometer transfer function for AAFE composite two-frequency microwave radiometer scatterometer RADSCAT, 08027
toward RADSCAT measurements of winds over sea and their interpretation, 03592
twelve hundred to thirteen hundred MHz 100-watt transistor power amplifier, 10363
see also Radio waves.
Middle East, *see* East (Middle East).
Middle Fork Feather River and Valley:
water quality, 11543
Midwest (U.S.), *see* Central States.
Midwest Farm Supply:
motor carrier accident investigation report, 03574
Midwestern States, *see* Central States.
Migrant labor:
international social security agreements, 10420
labor force, migration, earnings, & growth, 07083
Migration of workers, *see* Migrant labor.
Migratory Bird Conservation Commission:
annual report, 04580-1
Migratory birds, *see* Game and game birds.
Migratory workers, *see* Migrant labor.
Mikulenka, Eugene J.:
relief, 02930, 03118
Mileage, *see* Travel.
Milford Shoe Co. Inc., East Corinth, Maine:
footwear for men and women, Tariff Commission report, 08863
Military Academy, West Point:
student from Laos, admit, hearings, 11395
Military aid:
agreement with Luxembourg, 05844
emergency military assistance for Cambodia, appropriations, 1974, hearings, 05051
emergency military assistance, Cambodia, Israel–
hearings, 06365, 06385
law, 06166
report, 05038, 09149
foreign assistance appropriations, 1974–
hearings, 04084
law, 06194
report, 05035, 09141, 09756, 09758
staff memorandum, 10699
Foreign military sales and assistance act–
report, 06239
military assistance, agreement with–
Guatemala, 05832
Sudan, 00687
military assistance and military credit sales, appropriations, 1974, hearings, 04084
military assistance program address directory, 00277-8, 04325-6, 06452, 07635-6
military assistance, restrictions, Greece, report, 09883
mutual defense assistance, agreement with–
Belgium, 05838
Norway, 07057
new perspectives on Persian Gulf, hearings, 06297
U.S. assistance to Khmer Republic (Cambodia), AID, State Department, and Defense Department administration, GAO report, 01249
U.S. Forces in Europe, hearings, 06386
U.S. military commitments to Europe, hearings, 09822
Military airfields, *see* Air bases.
Military Airlift Command:
MAC flyer (periodical), 02265
Military Appeals Court, *see* Court of Military Appeals.
Military art and science:
dust control materials for military operations, 07716
military activities in and over Cambodia and Laos, inquiry resolution, hearings, 09052
military applications of nuclear technology, hearings, 09007.
offensive, Soviet view, 03888
officer training program, effect of all-volunteer force on input into school of military sciences, 09666
project Armor obstacle 2, 06529
scientific-technical progress and revolution in military affairs, Soviet view, 08283
shore party and helicopter support team operations, 05568
Soviet, finance services of Armed Forces during war, USSR study, 09387-8
Soviet military thought series, 08282-3
special military operations handbook, 04811, 07160
strategic areas, briefs, 08284
strategic balance, current foreign policy, 08853
USSR military affairs, translations, 02677
vehicle/road compatibility analysis and modification systems (VRCAMS), 06535, 07718
Military assistance, *see* Military aid.
Military aviation, *see* Aeronautics.
Military bases:
military base closures or realinement program–
California, hearings, 04189
Massachusetts, hearings, 04187-8
Military bonus, *see* Bonus (military).
Military claims, *see* Claims.
Military communications:
automatic secure voice communications network (AUTOSEVOCOM), logistic support plan, Army pamphlet, 04865
naval communications station design, naval shore electronics criteria, 08810
Military construction, *see* Installations (military).
Military courts, *see* Courts martial and courts of inquiry.
Military education:
Army formal schools catalog, 07171
automatic data processing system and procedures computerized academic counseling system, 02828
good way to spend weekend, Air Force educational programs, 03887
Guam and Virgin Islands delegates in Congress to make nominations to service academies, authorize–
hearings, 03105
law, 04020
report, 03022, 03226
military training student loads appropriations 1975, authorization, hearings, 10687
School of Military Science, officer input, feasability of developing procurement strategy, 07140
see also Officer candidate schools.

Military engineering:
equipment fleet selection, guidance for military engineers, 06499
Military equipment, *see* Military supplies.
Military facilities:
Army facility management with application of remote sensors, 07717
construction, agreement with Saudi Arabia, 00695
design criteria for facilities in areas subject to typhoons and hurricanes, 04868
maintenance facilities, Navy design manual, 00599
Military history:
American military history, 07965
soldiers and statesmen, proceedings of 4th military history symposium, 04808
Military housing, *see* Housing.
Military index:
Defense Department specifications and standards, supplements, 01871
Military information:
information security program regulation, 07633
military affairs, Eastern Europe, translations, 02664-5
Military installations, *see* Installations (military).
Military justice, *see* Military law.
Military law:
manual for courts martial annotation, 04855
military administrative law handbook, Army pamphlet, 06000
military justice, jurisdiction of courts-martial, 04859
Military justice, trial procedure, 04857
review, Army Dept. pamphlet, 02296
Military mines, *see* Mines (ordnance).
Military missions:
Iran, agreement with, 05827, 09623, 10441
Military occupation:
vocational and occupational interest inventory, Air Force, 07145
Military operations, *see* Military art and science.
Military personnel, *see* Armed Forces–Army.
Military police:
traffic accident investigation, 04831
Military policy:
anti-Marxist essence of, Maoist military policy, USSR study, 05517
Military records:
Army Continental Commands, 1821-1920, preliminary inventory of records, 08086
guide to collection of Hungarian political and military records, 1909-45, 00556
National Guard Bureau, enlisted personnel reporting systems, 05663
Southeast during Civil War, selected War Department records in National Archives, 08088
Military research:
AFOSR 18th annual chemistry program review, 04799
Army research and development, news magazine, 01660
Defense Department research, development, test and evaluation, 1974, appropriations, authorization–
hearings, 00199-200, 03103
report, 03150
request, 02963
Defense Department research, development, tests and evaluation, 1974 supplemental authorization, hearings, 07467
Defense Department research, development, tests and evaluation, 1975 authorization–
hearings, 08471, 09174, 10751-4
report, 09174
Defense Department research, test and evaluation, 1974–
law, 04010
report, 04174
Military reservations:
conservation and rehabilitation programs for game on military reservations, 00152
Military roads, *see* Roads and highways.
Military science, *see* Military art and science.
Military Sealift Command:
sealift, 02572
Military security:
emergency security assistance authorizations for Israel and Cambodia, hearings, 05057
emergency security assistance for Israel, appropriations, 1974, hearings, 05051
inquiring into military alert invoked on Oct. 24, 1973, report, 09780
United States military rights and maritime practices in Bahamas, continuance, agreement with Bahamas, 03780
Military service:
adaptability factors for military service among 1965 airman accessions, 04802
basic facts, high school news service report, 07632
from military service to health careers in Veterans Administration hospitals, 09654
records in National Archives, 08085
women, Uncle Sam wants you, 09446
see also Armed Forces.
Military standards, *see* Standards and standardization.
Military supplies:
airdrop of supplies and equipment, rigging–
one-half-ton platform trucks, 05993
pole-type utility and bolster trailer, 05994
Armed services procurement regulations, 01655–
Air Force ASPR supplement, 01620
Defense cataloging and standardization act of 1952 report to Congress by Defense Dept., 00921, 09051
Defense Department specifications and standards index, supplement, 01871
Defense Department standardization documents, classification listing, 00275, 02006
Defense integrated data system (DIDS), procedures manual, 03256-9, 04270-2, 05201-2, 06416-7, 08520
defense procurement circular, 01869
equipment fleet selection, guidance for military engineers, 06499
Federal item name directory for supply cataloging–
alphabetic index of names, 01967
numeric index of names, 01968
Federal manual for supply cataloging–
item identification, 07590-1
material management, special operating procedures, 00252, 08519
managing nonexpendable end-item equipment in Air Force, GAO report, 07840
military assistance and military credit sales, appropriations, 1974, hearings, 04084
military expenditures, 1967-71, 03768
MILSTEP, military supply and transportation evaluation procedures, 05263
MILSTRIP, military standard requisitioning and issue procedures, supplement, 00277-8, 04325-6, 06452
NRL cleaning and salvaging techniques for reclaiming equipment contaminated with

Military supplies–Con.
seawater, oil, and smoke deposits, guide, 00602
officer's handbook on unit administration and services, USSR, 06779
preservation, packaging and packing, DSA manual, 06418, 07594
procurement, appropriations, 1974–
hearings, 00917, 03101
report, 03150
procurement, appropriations, 1974, authorization–
hearings, 00199-200
law, 04010
report, 04174
procurement, appropriations 1974, supplemental authorization, hearings, 07467
procurement, appropriations, 1975, authorization–
hearings, 08471, 10751-4
report, 09174
quality management for direct/general support maintenance operations for Army supplies, 06005
supply and service company, supply and transport battalion, 00737
supply operations manual, distribution system procedures, 00254
see also Government supplies.
Military Traffic Management and Terminal Service:
port handling billing rates, 03908
Military training, *see* Military education.
Military transportation, *see* Transportation.
Milk:
cooperative State-PHS program for certification of interstate milk shippers, procedures governing, 06638
Federal marketing orders, summary of major provisions, 05915
Federal milk order market statistics, summary, monthly, 01972
fluid milk and cream report, 02032
fuel for America's dairies, it takes more than cows to put milk in the store, 10497
instant nonfat milk, package quantities, voluntary product standard, 06924
market structure, institutions, and performance in the fluid milk industry, 05926
nonfat dry milk and animal feeds containing milk or milk derivatives, Tariff Commission report, 08252
nonfat dry milk, Tariff Commission report, 03790, 05871
political contributions by producers cooperatives and 1971 milk price support decision, Presidential impeachment investigation, statement of information–
hearings, 09095, 09099
production, distribution and income, 10448-9
production, monthly report, 02298
products, composition, Federal and State standards, 11294
simplified atomic absorption determination of stable strontium in milk and hay, 10829
special milk programs, report, 09902
Milking Shorthorn cattle, *see* Cattle.
Mill Creek:
special flood hazard information, 07707
Mill Slough:
flood plain information, 06505
floods, 06519
Millers Creek:
flood plain information, 07698
Millimeter waves, *see* Microwaves.
Milling (metallurgy):
copper and copper base alloy mill products, tolerances, Federal standard, 07813
Milling machines:
properties of dispersion-strengthened chromium-thoria alloys produced by ball milling in hydrogen iodine, 09504
Mills, see Copper mills–Flour mills–Paper mills–Pulp mills–Uranium mills.
Mills, William O.:
memorial services, 07344
Millstone Nuclear Power Station:
Millstone Point Company, fiche index for nuclear dockets, 08304-5
Millstone Point Company:
fiche index for nuclear dockets, 08304-5
MILSBILLS (military standard billing system), *see* Requisitions.
MILSCAP (Military standard contract administration procedures), *see* Government contracts.
MILSTEP (military supply and transportation evaluation procedures), *see* Transportation.
Milwaukee, Wis.:
area wage survey, 07944
Mimeograph paper:
Federal standard, cancellation, 04418
Mind, *see* Intellect.
Mindanao Island:
synoptic meteorological observations, 11709-10
Mine accidents:
coal-mine injuries and worktime, monthly report, 01770
Mine drainage:
abatement of mine drainage pollution by underground precipitation, 06574
acid mine drainage treatment, applications of reverse osmosis, 07768, 09283
electrochemical removal of heavy metals from acid mine drainage, 10845
neutralization processes to treat coal mine drainage, 07766
process, procedures, and methods to control pollution, 06586
removal of heavy metals from mine drainage by precipitation, 06572
Mine explosions:
coal mine fire and explosion prevention research, recent developments, 07973
Mine filling:
gob pile stabilization, reclamation, and utilization, 00079
Mine fires:
coal dust explosions, suppression by passive water barriers in single-entry mine, 08705
coal mine fire and explosion prevention research, recent developments, 07973
Mine haulage:
undulatory conveyor tests and evaluation, 09469
Mine props:
polymeric materials for underground support, 09470
unsupported roof, York Canyon coal mine, Raton, N. Mex., field studies, 11069
Mine safety, *see* Safety of life.
Mine ventilation:
bleeder system in virgin area in Pittsburgh coalbed mine, 03572
methane control by isolation of major coal panel, 07987
Mineral industries, *see* Minerals
Mineral lands:
hold in trust for Chippewa Cree Tribe of Rocky Boy's Reservation, law, 10580

Mineral lands—Con.
mineral development on Federal lands, hearings, 11436
mineral interests, convey to record owners of land in Florida—
law, 10589
report, 10614-5
mineral interests, convey to record owners of land in Missouri, 10745
mineral interests, convey to record owners of land in South Carolina, law, 10586, 10588
mineral interests, convey to record owners of land in Utah—
law, 11352
report, 09886
Mineral leasing act, amend for trans-Alaska pipeline right-of-way—
law, 00152
report, 03076
public land mineral resources, make available to development corporations for energy research and development, 00226
Mineral oils:
hydrostatic testing of syntactic foam in mineral oil, 07001
Minerals:
census of mineral industries—
publication program, 03936
special report, 06078
commemorative postage stamp, 10-cent (poster), 10481
deep seabed hard mineral resources, conservation and orderly development, hearings, 10709
industry, minerals yearbook chapter—
Arab Republic of Egypt, 11609
Argentina, 11047
Australia, 09462
Austria, 11048
Belgium and Luxembourg, 11610
Bolivia, 11049
Connecticut, 05591
Delaware, 05595
Federal Republic of Germany, 11050
Finland, 11051
France, 09459
Ghana, 11611
Hawaii, 05592
Ireland, 11052
Japan, 11612
Libya, 09463
Maine, 07184
Massachusetts, 06833
Minnesota, 11613
New Hampshire, 05593
New Jersey, 11614
North Dakota, 11615
Norway, 11616
Oklahoma, 11617
Puerto Rico, Panama Canal Zone, Virgin Islands, Pacific Island Possessions and Trust Territory of Pacific Islands, 07983
Republic of Korea, 11618
review, 11624
Sierra Leone, 11619
South Carolina, 07980
South Dakota, 06834
statistical summary, 11625
Taiwan, 11620
technologic trends in mineral industries, metals and nonmetals except fuels, 11627
Vermont, 11621
Washington, 05594, 07979
Wisconsin, 11622
Wyoming, 11053
Zambia, 11623
leasing act, amend—
report, 02980
mineral and electrolyte responses following severe decompression stress, 03557
mineral construction materials, bulk, Federal item identification guide, 05253
mineral deposits, Poncha Springs, SE quadrangle, Chaffee County, Colo., 10948
mineral industries 1973, technologic and related trends, 11045
mineral industry survey, annual preliminary report, 02300
mineral resources of area near Popo Agie Primitive Area, Fremont County, Wyo., 00430
mineral resources of Chiricahua Wilderness Area, Cochise County, Ariz., 05423
mineral resources of Idaho Primitive Area and vicinity, 05417
mineral riches of Pacific Ocean ore zone, USSR study, 05543
mineral trade notes, monthly inventory, 02301
preclude future mineral exploration, mineral leasing, and mining claim location in wilderness areas, hearings, 07536
providing for conveyance of certain mineral rights in and under lands in Onslow County, N.C., law, 04027
world mineral production in 1970-71, 08012
yearbook, 1971—
area reports, domestic, departmental edition, 05583
area reports, domestic, document edition, 05013
area reports, international, departmental edition, 05584
area reports, international, document edition, 05014
preprints, 07980
yearbook, 1972—
preprints, 05590-6, 06833-4, 07979, 07981-5, 08698-704, 08702, 09459-65, 10190-6, 11047-53, 11606-28
see also Silicates.
Miners, *see* Coal mines and mining.
Mines (ordnance):
detection of cyclohexanone in atmosphere above emplaced antitank mines, 10811
military mines, vapors emitted from, analysis, 07677
mines against Japan, 08165
Mines and mining:
abandoned mines, acquisition and reclamation—
report, 03160
activated carbon canisters for radon protection in uranium mines, evaluation, 09700
design of underground mine layout, 09467
Federal mine health and safety laws, enforcement—
hearings, 07409
Federal mine safety and health amendments of 1973, print additional copies of committee print, authorization—
report, 09159
gas requirements to pressurize abandoned deep mines, 00336
geometric method for prediction of stresses in mining systems, 09471
laboratory study of self-sealing limestone plugs for mine openings, 05329
mandatory health and safety standards, 04592

Mines and mining–Con.
mergers and acquisitions, statistical report, 11530
microseismic source locations around block caving at Climax molybdenum mine, 04585
mine communications, 10185
miners, social security rulings, 02598
mining activities, processes, procedures, and methods to control pollution, 06586
mining and petroleum laws of the world, summary–
Africa, 08692
Europe, 09457
nuclear explosions, certain results obtained from experiments in internal effect in salt deposits, USSR study, 08649
polymeric materials for underground support, 09470
preclude future mineral exploration, mineral leasing, and mining claim location in wilderness areas, hearings, 07536
restoring surface-mined land, 04785
Surface mining control and reclamation act, report, 10673
see also Coal mines and mining–Mine drainage–Mine filling.
Mines Bureau:
appropriations, 1975, energy research and development–
hearings, 06270
report, 08371
bulletin, 04582, 10180
Director, nomination of Thomas V. Falkie, hearings, 10776
information circular, 01372-4, 03559-60, 04583, 05577-9, 06831-2, 07972-4, 08692-5, 09457-8, 10183-5, 11045, 11602-3
mineral industry surveys, annual preliminary reports, 02300
press releases, 02478
publications, monthly list, 02366 07998-8005, 08705-6, 10197, 11054-75, 11629-39
report of investigations, 01375-81, 03561, 03563-4, 03566-72, 04584-91, 05597-601, 06835-8, 07986-96, 07998-8005, 08705-6, 09466-740, 10197, 11054-75, 11629-39
technical progress report, 06839-40, 08010-1, 09475, 10198, 11645
technology transfer seminar–
Bruceton, Pa., Mar. 21-22, 1973, proceedings, 10185
Lexington, Ky., Mar. 6, 1973, proceedings, 10184
Mines Development, Inc.:
environmental evaluation of uranium and vanadium milling operations at Edgemont, S. Dak., 10873
Mingo National Wildlife Refuge:
addition to National Wilderness Preservation System, proposal, 06221
Minidoka project:
American Falls Dam, replace under governmental or nongovernmental control–
hearings, 04113
law, 06172
report, 06248
Minimum wage, *see* Wages.
Mining, *see* Coal mines and mining–Mines and mining.
Mining engineering:
design of underground mine layout, 09467
equipment and technology used in gold extraction in foreign countries, USSR study, 08671
ground control aspects of coal mine design, 10184
polymeric materials for underground support, 09470
Mining machinery:
overcoring equipment and techniques used in rock stress determination, 10183
Minks:
production, 01583
Minnesota:
administration of program to reduce crime, GAO report, 05413
climatological data, 01740
hydrogeology of glacial drift, Mesabi Iron Range, 06708
mineral industry, minerals yearbook chapter, 11613
northeastern petrography and stratigraphy of glacial drift, Mesabi-Vermilion iron range area, 05419
precipitation data, hourly, 02111
registry of minority contractors and housing professionals, listing in selected cities, 00454
tamarack seedlings prosper on broadcast burns in Minnesota peatland, 04437
upland plant communities, woody browse production and small mammals of wildfire areas of northeastern Minnesota, 08583
Minorities:
career education implications, proceedings, 01087
counting the forgotten, 1970 census of persons of Spanish speaking background, 10549
directory of minority business resources, 07323
education and training for minority business enterprise, task force report, 09719
Federal aid to school districts eliminating, reducing, preventing minority group isolation, Emergency school aid act, 01089
Government minority small business programs, hearings, 10714
how to pay for your health career education, guide for minority students, 06710
limited success of Federally financed minority businesses in 3 cities, GAO report, 06688
marketing and procurement briefs for minority business community, 02277
minority business opportunity committee handbook, guidance and procedures, 00082
minority cadets at U.S. Air Force Academy, 04798
minority educational institutions science, improvement programs, proposals, guide for preparation, 08793
minority group employment in Federal Government, 00075
minority rule and refugees in Africa, role of All Africa Conference of Churches–
hearings, 04099
minority vendors program, 05786
nutrition and special groups, national policy, working paper, 09236
operation BUSINESS MAINSTREAM, SBA's expanded programs for all minority individuals, 05788
professional minority consulting firms, nationwide roster, 10854
registry of minority contractors and housing professionals, listing in selected cities, 00451-7, 08633
silent minority, 09583

Minorities–Con.
special impact programs for business transfer to Commerce Department vice Economic Opportunity Office, hearings, 07394
Minority Business Enterprise Office:
access (periodical), 01595
funded organizations, 00083
limited success of Federally financed minority businesses in 3 cities, GAO report, 06688
press releases, 02455
Mint Bureau:
medals of United States Mint, 06841
Mints:
additional facilities, acquire sites for, construct and equip, report, 06238
Miramar, Calif.:
Drug Rehabilitation Center, first year's experience, 06822
Mirrors:
cleaning, 03865
control laws and actuator locations for control systems applicable to deformable astronomical telescope mirrors, 05614
designing of large mirror radiotelescopes, problems, USSR study, 00497
LASCOT, large screen color television system, 07226
Misalignment, *see* Alignment.
Miscellaneous papers:
Coastal Engineering Research Center, 07672
Waterways Experiment Station, 06529-31
Misch metal:
dilute mischmetal Mg alloys observed in 40mm liners, 05730
Miss Keku (S.S.):
documentation, 09003, 11377
Misses' clothing, *see* Clothing.
Missiles:
angular momentum and aircraft-store separation problem, 05733
finned missiles at large angles of attack, analysis of rolling motion, 05729
metallic shear walls for ballistic missile defense ground support systems, 09983
military procurement, appropriations, 1974 request, 02963
Missing persons:
Americans missing in Southeast Asia, report, 09898
missing in action in Southeast Asia, hearings, 07400
tax treatment of members of Armed Forces and civilian employees who are prisoners of war or missing in action, and amendments, 05098
United States prisoners of war and missing in action in Southeast Asia, hearings, 07503
Missionaries:
San Francisco's inner mission historic preservation and take a walk through mission history, 07880
Missions, *see* Government missions.
Mississippi:
climatological data, 01741
electric rate book, 11510
Embayment rocks, Complexiopollis pollen lineage, 04474
forest industries, 06673
landings, fish and shellfish, 02302, 09544
precipitation data, hourly, 02112
registry of minority contractors and housing professionals, listing in selected cities, 00453
shortleaf pines in Mississippi seed source planting, variation, 05393
Mississippi River and Valley:
east bank (lower), Warren to Wilkinson Counties, Vicksburg-Yazoo area, engineers report–
departmental edition, 03317
document report, 02962
east bank, Warren to Wilkinson Counties, engineers report–
departmental edition, 02961
document edition, 03316
flood control, supplemental appropriation, proposal, 09872
floods and flood control, 05309
icebreaking by tow, 05299
Mississippi River and tributaries and other watersheds in New Orleans district, stages and discharges, 07711
Mississippi River and tributaries, Greenville Harbor, Miss., improvements, engineers report–
departmental edition, 01139
document edition, 00961
Mississippi River and tributaries, stages and discharges, Memphis district, 06528
Missouri and Illinois, spillway for lock and dam 26, hydraulic model investigation, 05312
Missouri-Mississippi River summary and forecasts, 02303
quality of surface waters, 03420
upper basin, surface water supply below Keokuk, Ia., 01284
water pollution control for Mississippi–St. Louis area drainage basin, 09585
Missoula County, Mont.:
special flood hazard information, 07706
Missouri:
climatological data, 01742
electric rate book, 03344
forest fires, 01241
Grand (Neosho) River investigation for supply and pollution, 10380
mineral rights conveyance–
report, 10745
precipitation data, hourly, 02113
rainfall stations, Kansas City, Saint Louis, Springfield, Columbia, selected storm events in 5-minute increments, 04481
rainfall-runoff data for small drainage areas, 04479
water resources, data, 01277
Missouri River and Valley:
basin, surface water supply from Williston, N. Dak., to Sioux City, Ia., 00444
lower Missouri region report, 05773
Missouri River basin report from President's Water Resources Policy Commission, 10389
Missouri-Mississippi River summary and forecasts, 02303
Omaha, Neb., water quality and waste source investigations, report, 11492
pollution as aggravated by garbage dumping at Omaha, Nebr.,investigation, 11730
quality of surface waters, 00443
Missouri River Basin Commission:
annual report, 09024
Missouri River Basin project, *see* Pick-Sloan Missouri Basin program.
Mist blowers:
drift of 2,4,5-T applied with mist blower, 06658
Mitchell, James L.:
nomination, hearings, 10759

Mites:
adult scabies mites, mouth parts, pedicels & suckers, 07163
Mitosis, *see* Karyokinesis.
Mixing:
confined turbulent jets in cross flow, experiments of mixing of combustion gases, 08712
coolant mixing in LMFBR rod bundles, 06037-8
on growth and collapse of mixed regions in stratified fluids, 08168
Mixing machinery:
noncaking coal gasified in stirred-bed producer, 10198
Mobile communication systems:
digital mobile radio communications, investigation, 08678
Mobile homes, *see* Trailers.
Mobile shops, *see* Repair shops.
Mobility:
population of United States, 03949
providing mobility for elderly and handicapped on Washington metropolitan rail rapid transit system, additional cost of providing mobility, 11271
see also Mechanical mobility.
Mobilization, *see* National defense.
MOCS (multichannel ocean color sensor), *see* Sensors.
Model cities, *see* Cities and towns.
Modeling:
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
computer simulations of 3 adaptive instructional models for advanced instructional system, 09665
high-pressure-ratio centrifugual compressor using low-speed-of-sound gas, 00036
human force and motion-sensing mechanisms, modeling, 00030
invariant coupled diffusion and chemistry model, development and preliminary application, 01390
modeling and mathematization in psychology, USSR study, 00508
rate and photochemical data for modelling of stratosphere, chemical kinetics data survey, 10265
talent and modeling agencies in southern California, 01229
Models (mathematical), *see* Mathematical models.
Models (structural):
acoustically lined ejector technology development for multitube jet noise suppressor nozzles by model tests, 11086
cellular-block-lined grade control structure, hydraulic model investigation, 00318
combined quadrupole-dipole model for inlet flow distortion noise from subsonic fan, 10258
dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
energy and radiation models, NBS corridor fire tests, 06919
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
landing performance of air-cushion landing system installed on 1/10-scale dynamic model of C-8 Buffalo airplane, 00552
landing-dynamics computer program for legged spacecraft landers, experimental validation with dynamic model, 08050
measurements and model for convective velocities in turbulent boundary layer, 03607
one/tenth-scale dynamic model of C-8 Buffalo airplane, landing performance of air-cushion landing system, 06861
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
wave action and breakwater design, Hamlin Beach Harbor, N.Y., hydraulic model investigation, 00320
Modesto, Calif.:
ground-water conditions, 07856
municipal wells, data, 11536
Modular design, *see* Designs (industrial).
Modular forms:
helicopter transmission modularization and maintainability analysis, 07195
Modules, *see* Spacecraft modules.
Modulus of elasticity, *see* Elasticity.
Mohair:
production, price and value, 11255
wool and mohair, 10453
Mohammedanism:
Islam and the East, arts orientalis, 01244
Mohave County, Ariz.:
Big Sandy Formation, zeolites and associated authigenic silicate minerals in tuffaceous rocks, 06707
Mohawk River and Valley:
Mohawk-Hudson area survey, report, 01549
Moire:
simplified holographic-interferometry technique for flow visualization and analysis that produces real-time moire fringes, 08725
Moisture:
acceptability and stability of intermediate moisture food, effect of high temperature storage, 04842
effect on grain processing and storage, USSR study, 09386
energetics of water binding in dehydrated foods at very low moisture levels with quality parameters, 04833
glycerol interference in determination of crude fiber, fat, and moisture in intermediate moisture meat products, 04852
intermediate moisture foods, controlling amount of internal aqueous solution, 04849
moisture and freeze-thaw effects on rigid thermal insulating, 10813
soil and moisture conservation report, 05775
see also Water.
Moisture meters:
continuous monitoring of coal by neutron moisture meter, 04588
Molasses:
market news, weekly, 02304
Molecules:
computer program for determing rotational line intensity factors for diatomic molecules, 01402
ion-molecule reaction rate data, bibliography, 04637
molecular attenuation and phase dispersion between 40 and 140-GHz for path models from different altitudes, 00806

Molecules–Con.
molecular gas lasers, nuclear pumping, USSR study, 00509
resonances in electron impact on atoms and diatomic molecules, 03635
Moline, Mich.:
railroad employee accident investigation report, 03732, 05779
Molluscacides:
EPA compendium of registered pesticides, molluscicides, etc., 00606, 01920, 10371
Molluscicides, *see* Molluscacides.
Molybdenum:
Climax molybdenum mines, microseismic source locations around block caving, 04585
disposal from national and supplemental stockpile–
hearings, 06277
law, 10563
report, 01003, 09757
extraction from concentrates by electrooxidation, 03570
minerals yearbook chapter, 09464
national emissions inventory of sources and emissions of molybdenum, 08551
report, monthly, 02305
Molybdenum disulfide:
coating, evaluation in self-acting stops of air-lubricated Rayleigh step thrust bearing, 11141
Moments of inertia:
moments of inertia of trees and boles, 08592
Momentum, see Angular momentum-Motion.
Monetary policy, *see* Money.
Monetary problems, *see* Money.
Money:
components of money stock measures and related items, 02306
credit unions and money 'crunch', 05659
currency and coin, outstanding and in circulation, monthly statement, 02613
facts about United States money, 08260
floating part of reformed monetary system, subcommittee report, 06203
flow of funds, 1973, financial assets and liabilities outstanding, 10917
flow of funds, seasonally adjusted, 02030
foreign currencies held by U.S. government, report, 07095
foreign exchange rates–
monthly, 02042
weekly, 02043
foreign experience with monetary policies to promote economic and social priority programs, 09058
impact of currency realignment on U.S. exports to Germany, 06759
impact of devaluations on changes in United States foreign trade, 03793
inflation and economic welfare, implications for monetary policy (remarks), 10047
international monetary reform, hearings, 00922, 07391
international money developments and their foreign policy implications, hearings, 07398
median family money income for 1969, by counties (map), 07288
money income in 1972 of families and persons in U.S., 06091
numerical specifications of financial variables and their role in monetary policy, 08575
open market rates and bond prices, monthly, 02404
Par value modification act, amend, law, 04000
par value modification appropriations–
law, 04005
report, 03025, 03186
per capita money income, 1969, by counties (map), 07289
public interest and payments mechanism (remarks), 03369
recipients of public assistance money payments and amounts of such payments, by program, State, and county, 11681
revision of money stock measures and member bank reserves and deposits, 09313
selected interest & exchange rates for major countries & U.S., weekly series of charts, 02582
State maximums, other limitations, and effect of Federal matching provisions on public assistance money payments, 01432
stock measures, in billions of dollars, 02306
U.S. foreign aid programs, availability and use of local currencies, 09067
use of illustrations of obligations & securities of United States & foreign governments, 01544
world monetary conditions in relation to agricultural trade, 05286
see also Foreign exchange-Inflation (finance).
Money orders:
abandoned, disposition among States, report, 03224
Mongolia:
translations, 02667
Mongolism:
antenatal diagnosis and Down's syndrome, 08131
facts about mongolism for women over 35, 08772
what is mongolism?, general information, 06951
Monitoring:
Apollo experience report, flight-control data needs, terminal display devices and ground system configuration requirements, 11149
continuous monitoring of coal by neutron moisture meter, 04588
development and testing of air monitoring system, 10838
display concepts for pilot monitoring and control of space shuttle appraoch and landing, simulator evaluation, 08032
ecological monitoring of beach erosion control projects, Broward County, Fla. and adjacent areas, 09980
environmental monitoring at major Atomic Energy Commission contractor sites, 06060
environmental monitoring series, 00328-30, 01155-7, 05321-3, 09278-81, 09993-5, 10829-30
EPA monitoring-related program plans, FY 1974, summary, 10865
evaluation of monitoring methods and instrumentation for hydrocarbons and carbon monoxide in stationary source emissions, 01166
flight study of vehicle operational status and monitoring system, 08072
instrument for simultaneous monitoring NOx and SO2 in stationary sources, 06558
instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559

Monitoring—Con.
instrumental monitoring method for measurement of asbestos concentrations in or near sources, development, 05325
instrumentation for monitoring specific particulate substances in stationary source emissions, 10832
monitoring industrial wastewater, handbook, 03799
monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage, 09690
monitoring program, Environmental Protection Agency, 07737
National air monitoring program, air quality and emissions trends, 06582-3
national program for continuing environmental monitoring for marine leg of Trans-Alaska pipeline system, 06973
natural disasters for warning dissemination, hearings, 08470
nuclear gages for monitoring coalbed of commercial-scale pressurized gas producers, 03566
portable water quality monitoring system, general information, 09558
radionuclides in reactor effluents, 09287
self-monitoring and reporting requirements, permit program guidance, Water Enforcement Office, 04380
State agencies engaged in environmental monitoring directory, 06541
stationary-source monitoring systems for gases and visible emissions, performance specifications, 07749
tertiary treatment with controlled ecological system, 07759
treatment processes, removing organic matter from drinking water, 09289
x-ray fluorescence spectrometer for air borne particulate monitoring, 01169
see also Radiation detection instruments.
Monitors:
advanced capacitative oil debris monitor, 07183
flight monitor for jet engine disk cracks and use of critical length criterion of fracture mechanics, 06887
gas monitors, controlled-atmosphere system for testing, 08003
wave and tide monitor, model 9010, 11693
Monkeys:
behavioral effects of nitrogen narcosis in rhesus monkey, 06828
possible memory impairment from nitrogen narcosis in rhesus monkey, 06826
see also Chimpanzees.
Monongahela River:
Monongahela River and tributaries, pollution of interstate waters, conference proceedings, 10959
Monopolies:
antitrust and monopoly activities, report, 03236
see also Competition.
Monroe County, N.Y.:
flood plain information, 06506
soil survey report, 00650
Monsoons:
northeast (winter) in Southeast Asia, numerical experiment on prediction, 01478
Montana:
annual peak discharges from small drainage areas, 01250
census portrait, 08918
climatological data, 01743
counties, population estimates, 04929
electric rate book, 06621
municipal water supplies, pollution of Yellowstone River as related to taste and odor problems, 10388
northwestern Montana, Hungry Horse Reservoir, computer model for determining bank storage, 10949
precipitation data, hourly, 02114
water resources data, 10955
water supply outlook and snow surveys, 02746
Monte Carlo method:
Monte Carlo analysis of rarefied-gas diffusion including variance reduction using theory of Markov random walks, 05626
Montgomery County, Ga.:
soil survey report, 08847
Monticello Nuclear Generating Plant:
aerial radiological measuring system, 06026
Montpelier, Vt.:
ground water avialability in Barre-Montpelier area, 00435
Montrose, Colo.:
aircraft accident report, 06995
Monuments:
memorials, cemeterial and mortuary equipment, and supplies, Federal item identification guide, 05227
Mood disorders, *see* Mental disorders.
Moon:
current concepts regarding lunar surface, 08082
estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
lunar photography index maps of Appollo mission 16, 00539
lunar surface in Lunokhod-2 work region, chemical composition, 06768
new orbital elements for moon and planets, 04700
plasma near the moon, preliminary results of USSR study, 03532
radar moon echo signals, observed statistical behavior, 11208
shear testing of simulated lunar soil in ultrahigh vacuum, 06835
Moorehead unit, *see* Pick-Sloan Missouri Basin.
Moose River and Valley:
early Paleozoic brachiopods of Moose River synclinorium, Maine, 01265
Moral education:
our moral heritage, human self-development discussion topics, 07170
Morbidity:
epidemiologic characteristics of morbidity in USSR population, 05508
morbidity and mortality weekly report, 02327
see also Diseases of animals.
Morgan County, Tenn.:
Morgan County unit, east Tennessee, forest inventory statistics, 03801
Morocco:
agricultural commodities, agreement, 05854
background notes, 04744
economic trends and their implications for United States, 01319, 10142
Morphogenesis:
plant morphogenesis as basis for scientific management of range resources, 05948
Morrill, William A.:
nomination, hearings, 04199
Morrison, B.Y.:
memorial lecture, 05924

Mortality, *see* Death.
Mortgage insurance:
architectural processing and inspections for home mortgage insurance, 07884
definitions, policy statements and general rulings in administering insured mortgage and low-rent housing programs of HUD-FHA, 10115
endorsement for insurance for home mortgage insurance programs, 10117
extend authority of HUD Secretary with respect to interest rates, law, 02942
FHA home mortgage insurance, general information, 10108
FHA homes–
area trends, 06612-4
State trends, 06615
FHA homes, 1970 data for States on characteristics of FHA operations, 01202
fiscal and ADP handbook, mortgage insurance, 09359
group medical practice facilities, 06715
home mortgage insurance for disaster victims, for outlying area properties, etc., 07885
HUD-FHA underwriting analysis handbook, 05451
HUD, extend authority with respect to interest rates of FHA mortgage insurance programs and VA guaranteed loans–
law, 00100
report, 03137
lower income families and rehabilitation housing, basic instructions, 05455, 11550
mortgage credit analysis for mortgage insurance on 1-4 family properties, HUD handbook, 05453
mortgage credit analysis for project mortgage insurance handbook, 05454
mortgage insurance operations and contract authority, summary, 02631
mortgagees' guide–
application through commitment, 10109
home mortgage insurance, fiscal instructions, 10964
multifamily reports and forms catalog, 03428, 10112-3
nursing homes, 06729
Private mortgage insurance guarantee act, hearings, 06370
underwriting-technical direction for home mortgage insurance handbook, 10116
Mortgages:
amortization of pollution control facilities, tax information, 05471
competition in real estate and mortgage lending, hearings, 00229, 05151
consumer home mortgage assistance, hearings, 09057
farm lending, experience of 15 life insurance companies, Federal land banks, and Farmers Home Administration, 04340, 05282
farm real estate mortgages recorded, 10008
FHA monthly report of operations, project mortgage programs, home mortgage programs, etc., 02017
Government National Mortgage Association mortgage-backed securities guide, 03427
home mortgage characteristics, FHA trends, 02018
mortgage credit analysis for mortgage insurance on 1-4 family properties, HUD handbook, 05453
mortgage credit analysis for project mortgage insurance, 05454
mortgagees' guide–
application through commitment, 10109
home mortgage insurance, fiscal instructions, 10964
settlement costs in federally related transactions, regulate, hearings, 08387
uniform and full disclosure of certain information with respect to sale of dwellings, hearings, 09915
see also Loans.
Morton, Rogers C.B.:
biogroahical sketch, 05469
Moscow Physical Engineering Institute:
research development on creation of linear electron accelerators, 05530
Moscow, Idaho:
special flood hazard information, 07709
Most favored nation clause, *see* Favored nation clause.
Mothers:
children of working mothers, 03540
day care's effect on labor force participation of low-income mothers, 00291
facts about mongolism for women over 35, 08772
infant mortality study from linked records, by age of mother, total-birth order and other variables, 01430
maternal and child health services of State and local departments, 08968
maternal, fetal, and infant nutrition, 1973, consequences of malnutrition–
hearings, 01048
maternal, fetal, and infant nutrition, 1973, governmental responses–
hearings, 00239
maternal, fetal, and infant nutrition, 1973, WIC program oversight–
hearings, 06404
maternal and child health information, 02281
Moths:
systematic monograph of new world Ethmiid moths (Lepidoptera: Gelechioidea), 00630
see also Gypsy moths.
Motion:
aircraft motion, calculation and analysis, 06898
ball motion and sliding friction in arched outer-race ball bearing, 08060
compensation based on linearized analysis for six-degree-of-freedom motion simulator, 05617
dynamical problem of particles constrained on moving surface, 01413
facsimile camera response to object motion, investigation, 09510
human force and motion-sensing mechnisms, modeling, 00030
incompressible flow momentum theory of fan-in-wing VTOL configuration, 08731
motion and morphology of dryline, 11183
motion software for synergistic six-degree-of-freedom motion base, 05618
quasi-optimum design of six degree of freedom moving base simulator control system, 03584
rolling motion analysis of finned missiles at large angles of attack, 05729
unsteady motion of wing with variable distance from barrier, USSR study, 08669
vehicle with lifting airfoils over rippled water surface, USSR study, 09391
see also Equations of motion.
Motion picture cameras, *see* Cameras.

Motion pictures:
film fare, catalogue of films and filmstrips produced by Housing and Urban Development Department, 09352
Library of Congress catalog, 02242
NASA film list, 05611
National Medical Audiovisual Center, motion picture and videotape catalog, 04675
National Oceanic and Atmospheric Administration, list, 10313
Motivation (psychology):
comparison of volunteer attitudes and career motivation among officer and airman personnel, 05971
Motor Carrier Safety Bureau:
bulletin, on guard (periodical), 02401
Motor carriers:
accounts, uniform system, 04539
class 1 and 2, cost of transporting freight–
Central region, 03484
New England region, 03485
regions or territories, 03483
Interstate Commerce Commission decisions, 05498
quarterly freight loss and damage claims reported by common and contract motor carriers of property, 02518
revenues, expenses, other income, and statistics of class 1 motor carriers of property, 03487, 06761
safety regulations, 08015
safety road checks, motor carriers of property, 03575, 08707
transport statistics in United States, 03483, 05501, 07904
see also Motor vehicle accidents.
Motor fuel:
aircraft and automatic fuels, storage, distribution and dispensing, technical manual, 07177
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
natural gas as automotive fuel with low emission, experimental study, 04587
U.S. general aviation accidents involving fuel starvation, 09571
see also Gasoline.
Motor oils, *see* Lubricants.
Motor scooters:
off-road recreational vehicles use on public lands, hearings, 00136
Motor trucks *see* Motortrucks.
Motor vehicle accidents:
accident investigations, summary, 05605
accidents on main rural highways related to speed, driver and vehicle, 11505
air bag development and technology, hearings, 05124
class 1 motor carriers of passengers, 06842
crash/injury ejection study, commercial vehicle accidents, 10200
emergency medical services, crash injury management for traffic law enforcement officers–
course guide, 01448
instructor's lesson plans, 06943
student study guide, 01449
emergency medical services, highway safety program manual, 11172
fatal and injury accident rates on Federal aid and other highway systems, 09298
military police traffic accident investigation, 04831
motor carrier accident investigation report, 00537, 01384-5, 03573-4, 06843, 09476-77
nationwide system of uniform motor vehicle accident reparation acts, House bills under consideration, 10705
no-fault insurance, national system–
hearings, 09225
report, 09162
safety '76, safety campaign, 09370
State traffic records systems design manual, accident data subsystem, data elements and coding, 01444
Motor vehicle operators:
driver data subsystem, standard data elements and coding, State traffic records systems, design manual, 01441
driver improvement analyst, basic training program–
course guide, 01445
instructor's lesson plans, 01446
student study guide, 01447
driver, traffic safety magazine for military driver, 01890
narrow bridges, driver dilemmas, highway safety design and operations, hearings, 00161
Motor vehicles:
accidents on main rural highways related to speed, driver and vehicle, 11505
advanced automotive control systems vehicles, final report, 00028
airport access study, impact of airport-oriented vehicle trips on highway facilities, 00361
aldehyde and reactive organic emissions from motor vehicles, 00028-9
automotive lighting components, photometric data variability, 09524
characterization of emissions from 1970-73 model vehicles, final reports, 00029
defective, authorize appropriations for recall without charge to owners–
hearings, 04121-2
economics of industry, USSR study, 11571-2
emission estimation, interim report, 04378
emissions from 1966-72 light-duty vehicles in Washington, D.C., study, 00024
Federal motor vehicle safety standards, 10284
Federal safety standards and regulations with amendments and interpretations, 00573, 01973
fifty-five mile per hour speed limit, report, 05102
highway safety literature, abstract journal, 02090
International Technical Conference on Experimental Safety Vehicles, proceedings, 04662
leaf springs for motor vehicles, workers and former workers of Mather Co. plant 1, Toledo, Ohio, Tariff Commission report, 07075
maintenance and repair shop equipment, Federal item identification guide, 03281
microscale model of local vehicular source contributions to measured pollutant concentrations, 05322
motor gasolines, summer 1973, petroleum products survey, 05589
motor-vehicle registrations by standard metropolitan areas, 00368
National traffic and motor vehicle safety act, amend–
hearings, 04121-2

Motor vehicles–Con.
National traffic and motor vehicle safety act, 1972, report on activities–
departmental edition, 05669-71
document edition, 05023
new motor vehicle emission standards and fuel economy–
hearings, 08412
require no-fault motor vehicle insurance as condition precedent to operation–
House bills under consideration, 10705
rustproofing of automotive vehicles, 02315
safety defect recall campaign reported to National Highway Traffic Safety Administration, 02329
safety lane type pre-trip inspection of commercial motor vehicles, recommended procedure, 05606
traffic control studies, 03907
see also Automobiles–Motor carriers.
Motorbus drivers:
narrow bridges, driver dilemmas, highway safety design and operations–
hearings, 00161
private bus operators engaged in inter-city charter service, protect against unfair competition–
report, 06325, 10605
Motorbuses:
construction of intercity bus terminal at National Visitor Center, hearings, 11403
industry restructuring proposal, 08497
Motorcycles:
acceleration and passing ability, comparison of acceleration and passing ability for 1974 passenger cars and motorcycles, 08117
comparison of braking performance for 1974 passenger cars and motorcycles, 06942
exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, 00023
off-road recreational vehicles use on public lands, hearings, 00136
Motors:
flueric sounding rocket motor ignition, 11091
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
Motortruck drivers:
independent truckers and energy crisis, problems, hearings, 08413
industry restructuring proposal, 08497
union wages and hours, 06806
Motortrucks:
airdrop of supplies and equipment, rigging–
one-half-ton platform trucks, 05993
emergency jacks for light trucks, 04429
inventory and use survey, 04914, 10535
light-duty, 1974 gas mileage guide by manufacturer and model, 04387, 05334
safety lane type pre-trip inspection of commercial motor vehicles, recommended procedure, 05606
truck noise, acoustic and performance test comparison of initial quieted truck with contemporary production trucks, 07084
truck sizes and weights, transportation and new energy policies, 10791
Mound Bayou:
Mississippi, social and health indicators system, 09711
Mount Evans division, *see* Pick-Sloan Missouri Basin program.
Mount McKinley National Park:
general information, Japanese edition, 05710
Mount Rainier:
Washington, recent activity of glaciers, 06700
Mount Rushmore:
twenty-six-cent international airmail stamp, 05897
Mount Vernon, Ill.:
Federal office building, increase authorization to complete construction, hearings, 08509
Mounting bases:
mounts, Federal item identification guide, 06447
Mourning doves:
hunting seasons, limits and shooting hour schedules, Federal regulations, 04740
status, 1972, report, 10437
Mouse, *see* Mice.
Mouth:
comparative immunology of oral cavity, 06952
Movement (psychology):
alcohol effects on eye movements and tracking performance during laboratory angular accelerations about yaw and pitch axes, 00047
Moving, *see* Transportation .
Moxees Shoe Corp.:
footwear for women and misses, Auburn, Maine, Tariff Commission report, 05866
Moynihan, Daniel P.:
nomination–
hearings, 09209
Mozambique:
background notes, 01565
economic trends and their implications for United States, 00489
MPD (magnetoplasmadynamics), *see* Magnetohydrodynamics.
MS-222:
and metabolites in fish tissues, simultaneous determination and identification, 05811
efficacy of quinaldine sulfate M-222 mixtures for anesthetization of freshwater fish, 05812
residues in fish following anesthesia, 05812
residues in striped bass following anesthesia, 05811
toxicity of mixtures with quinaldine sulfate to fish, 05812
MSFC, *see* Marshall Space Flight Center.
manufacturers shipments, inventories, and orders, current industrial reports, 01846
Mt. Evans division, *see* Pick-Sloan Missouri Basin program.
MTMTS, *see* Military Traffic Management and Terminal Service.
Mucous membrane:
frontal sinus, permeability under influence of microwaves, USSR study, 09407
Mufflers:
acoustic performance comparison of 5 muffler configurations on small helicopter, 10241
Muffling devices:
expansion-chamber mufflers, improved method for design with application to operational helicopter, 00553
Mule deer, *see* Deer.
Muleshoe National Wildlife Refuge:
birds, list, 05807
Mullite:
ceramics reinforced with single crystals of mullite, USSR study, 07933
Multichannel ocean color sensor (MOCS), *see* Sensors.
Multimeters:
electronic/electrical, various, Federal item identification guide, 03265

Multiple cropping:
double cropping with soybeans, will it pay on your farm?, 07126
Multiple sclerosis:
NINDS multiple sclerosis research program, 05683
Multivariate processes, *see* Statistical processes.
Multivisions Corp.:
Bellows Falls, Vt., Tariff Commission report, 05866
Municipal home rule:
District of Columbia, elect mayor and city council–
hearings, 00124-6
report, 04058
Municipal wastes:
emergency planning for municipal wastewater treatment facilities, 11805
industrial reuse of renovated municipal wastewater, pilot-demonstration project, 00338
laboratory ozonation of municipal wastewaters, 07765
major municipal waste sources, pollution in Dade County, Fla., report, 11490
municipal wastewater treatment facilities, estimating laboratory needs, 07093
physical-chemical treatment of raw municipal wastewater, 11482
pretreatment of pollutants introduced into publicly owned treatment works, Federal guidelines, 08267
recycling municipal sludges and effluents on land, 11485
start-up of municipal wastewater treatment facilities, 08878
Municipalities, *see* Cities and towns.
implementation of U.S. arms embargo against Portugal and South Africa, hearings, 00928
Munitions:
implementation of U.S. arms embargo against Portugal and South Africa–
hearings, 00928
armament and operational training devices, Federal item identification guide, 08524
international traffic arms regulations (ITAR), code of Federal regulations, 05824
international transfer of conventional arms, report of Arms Control and Disarmament Agency, 09070
limitation of strategic offensive arms, basic principles of negotiations, agreement with Union of Soviet Socialist Republics, 00672
Murgia-Melendrez, Faustino:
relief, 00896
Muscadine grapes, *see* Grapes.
Museums:
purpose of scientific collections and museums, USSR study, 05538
USA, highlights, finances, programs, attendance, trustees, personnel, facilities, 05660
Mushrooms:
Tariff Commission report, 05870
Music:
dramatico-musical works, copyright information, 00249
Francesco Petrarca, musical settings of his works from Jacopo da Bologna, checklist, 10169
new braille musician, print supplement, 05560
Musical instruments:
phonographs and home radios, Federal item identification guide, 03268, 06437
Mutual assistance, *see* Military aid.
Mutual defense, *see* Military aid.
Mutual defense assistance control act of 1951, *see* Exports.
Mutual Development and Cooperation Agency:
establish, analysis, 00927
Mutual funds, *see* Investment companies.
Mycosis:
mycoses surveillance, Center for Disease control, 00784

N

NACA, *see* National Advisory Committee for Aeronautics–National Advisory Committee on Aeronautics.
Nacelles:
subsonic inlet diffuser geometries for engine nacelles, boundary-layer analysis, 08732
NADC, *see* Naval Air Development Center.
NAE, *see* National Academy of Engineering.
Nails and spikes:
nails, Federal item identification guide, 05209
Names (business), *see* Business names.
Names (personal):
foreign versions, variations and diminutives of English given names, 04500
Nansen bottle, *see* Oceanography.
Nantucket Sound Islands Trust:
establish–
hearings, 08495
Napa County, Calif.:
ground water pumpage, 07851
Narcosis:
evoked responses and EEGs from nitrogen narcosis, measured during shallow saturaturation diving, 07962
identification of tasks sensitive to hyperbaria with determination of nitrogen narcosis on performance, 07963
nitrogen narcosis–
behavioral effects in rhesus monkey, 06828
evidence for possible memory impairment in rhesus monkey, 06826
visual evoked responses in unanesthetized cat, 06829
Narcotic addicts:
Controlled substances act, amend–
glossary of narcotics terms, world wide study, 01326
law, 10579
Narcotic treatment act of 1974–
law, 10579
Narcotic habit:
epidemiological study, of narcotic abuse, agreement with Mexico, 07058
institute of narcotic addiction among Mexican Americans in southwest, proceedings, 04666
narcotic addict treatment act–
report, 08364
training opportunities in field of narcotic addiction and drug abuse, 01462
Narcotics:
and dangerous drugs, translations, 02668
and other dangerous drugs, cooperation on combating illicit international traffic, agreement with Lebanon, 03778
cooperation in combating illicit international traffic in narcotics and other dangerous drugs, communications equipment, agreement with Mexico, 05845
fact sheets, 05276
glossary of narcotics terms, reference aid, world wide study, 01326
narcotics situation in southeast Asia, 00130

Narcotics and Dangerous Drugs Bureau:
equal employment opportunities in current drug enforcement agencies–
hearings, 05076
library book catalog–
author catalog, supplement, 04558
subject catalog, supplement, 04559
title catalog, 05550
NAS, *see* National Academy of Sciences.
NASA, *see* National Aeronautics and Space Administration.
NASN, *see* National Air Surveillance Networks.
Natick Laboratories, Natick, Mass.:
technical reports, 04832-54
National Academy of Engineering:
annual report, 1970–
departmental edition, 09478
document edition, 09135
National Academy of Sciences:
annual report, 1970–
departmental edition, 09478
document edition, 09135
National Advisory Commission on Criminal Justice Standards and Goals:
standards and goals process (announcement), 09435
views and recommendations–
corrections, 01386
police, 01387
National Advisory Committee for Aeronautics:
NACA l-series axisymmetric inlets, investigations, 10218
NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, low-speed aerodynamic characteristics, 11097
National Advisory Committee on Handicapped Children:
basic education rights for handicapped, 1973 annual report, 06478
National Advisory Council on Adult Education:
annual report, 10201
National Advisory Council on Education of Disadvantaged Children:
annual report, 04595
National Advisory Council on International Monetary and Financial Policies:
annual report, 05607
proposed replenishment of resources of International Development Association, special report, 04042
special report on proposed contribution and subscription of resources to Asian Development Bank, 02965
National Aeronautics and Space Administration:
AEC-NASA tech brief, 02336
announcement of opportunities for participation AO series, 11080-1
appropriations, 1974–
law, 02954
appropriations, 1975, authorization–
hearings, 09907, 09113, 09177
report, 07384
appropriations, 1975–
energy research and development, report, 08371
hearings, 09812, 10681
educational publications, list, 09484
film list, 05611
geothermal energy technology research and development program, provide–
report, 09796
geothermal resources, program of demonstrations for commercial utilization–
hearings, 09114
headquarters telephone directory, 02333
mission oriented R&D and advancement of technology, impact of NASA contributions, 10204
NASA activities (periodical), 02331
NASA contractor report CR series, 05540-8, 01388-94, 03576-93, 04600-11, 05608-10, 068-44, 08017-36, 08038-40, 08710-5, 09479-83, 10205-12, 11086-94
NASA earth resources survey program, weekly abstracts, 02753
NASA EP series, 00549, 01395-6, 04612-4
NASA grant handbook instruction, 02332
NASA 1973 payload model, space opportunities 1973-91, 10213
NASA Oct. 1973 space mission model analysis and economic assessment, 10230
NASA report to educators, discovery, knowledge, benefits (periodical), 02335
NASA SP series, 00550-1, 01397-400, 01606, 03594-6, 04616-9, 05612, 06847, 06849-51, 08041, 08716-7, 09485-7, 10214, 11095-6, 11649-51
NASA technical memorandum TM series, 06852, 08042-9, 08718-24, 08746-7, 09488-98, 10215-33, 11097-120, 11653-9
NASA technical note TN series, 00552-3, 01401-12, 03597-615, 04620-32, 05613-34, 06853-97, 08050-80, 08725-42, 09499-510, 10234-58, 11121-55, 11660-8
NASA technical report R series, 01413-4, 03616-8, 05635, 08081, 09511, 10259-60, 11156-7, 11669
NASA technical translation TT series, 00554, 03619-22, 06898-900, 08082-3, 08743, 09512, 10261, 11158
NASA-industry-university aerospace awareness program guidelines, 00555
NASA-TRW VIA, B-1900, 713C, and 738X, isothermal and cyclic oxidation of 1000° and 1100° C of 4 nickel-base alloys, 06888
NASA's equal employment opportunity program–
hearings, 07461
parts, materials, and processes experience summary to aid in minimizing recurrence of system failures, 06851, 11096
posters, 10203
procurement regulation, 02334, 02337
project management, system and men, 11649
Source Evaluation Board manual, 04615
space applications program–
appendices, 11082
review, 11161
space flight investigations, opportunities for participation, handbook, 02406
tech brief, 02336
university program, active grants and research contracts, 10262
National Agricultural Library:
acquisitions responsibilities, 03544
cooperative agreements & arrangements among 3 U.S. National Libraries, 03623
press releases, 02479
summary of activities, 08749
National Air Surveillance Networks:
national air quality levels and trends in total suspended particulates and sulfur dioxide determined by data, 10500
National Amateur Radio Week:
designate
report, 09168
National Amateur Sports Development Foundation:
establish–
hearing, 00204

National Archives:
Inter-American Affairs Office records, 04634
inventory series, 03625, 04633-4
microfilm publications, general information, 03624
military service records, 08085
prologue, journal of National Archives, 02504
National Archives and Records Service:
Archivist of United States, briefing–
hearing, 04136
general information leaflet, 03624, 08085
preliminary inventory series, 05641-2, 08086-7
reference information paper, 05643, 05644, 08088
special list, 06902
National banks:
invest in agricultural credit corporations, authorize–
report, 03136
National Bureau of Fire Prevention:
establishment of Bureau and its program (remarks), 08967
National Bureau of Standards:
consumer information series, 03636
Cryogenic Physics Section, 1973, summary of activities, 08761
Cryogenics Division, Institute for Basic Standards–
publications and services, 01421
film catalog, 05647
handbook, 00557, 06904
home energy saving tips from NBS, 11163
journal of research, 02196-8
monograph, 03631-4, 03638, 08091, 11164
National Bureau of Standards at a glance, 08090
national standard reference data series, 03635, 06905, 06910, 09514
NBS materials science and manufacturing in space research, 08095
NBSIR series, 06906-9, 08092-7, 08754, 10265
poster, 03627
press releases, 02455
publication announcements, 02361
publications, list , 03637
publications, list, 1972 catalog, 03639
reactor activities, summary, 09521
special publication, 03639-41, 04636-7, 05648-9, 06910-4, 08098-9, 09515-6, 10266-8, 11166
staff on engineering standards committees, directory, 01416
standard reference materials–
and meaningful measurements, symposium abstracts, 03642
electrical resistivity of electrolytic iron, SRM 797 and austenitic stainless steel, SRM 798, from 5-280 K, 08098
standard quartz curvettes for high accuracy spectrophotometry, 06914
statistical survey of National Bureau of Standards papers, Jan.-Dec.1972, 04638
technical note, 00561-2, 01419-27, 03643-8, 04639, 06915-23, 08100-5, 08757-61, 09519-24, 10269-72, 11167-8
National Business Council for Consumer Affairs:
NBCCA legislative report, 00563
National Cancer Institute:
journal, 02194
NCI monograph, 00564, 03649, 10274
National Capital Housing Authority:
annual report, 03650
National Capital Planning Commission:
appropriations, 1974–
law, 02944
report, 03006
waiving points of order, report, 02968
National cemeteries:
act of 1973–
law, 00091
National Cemetery System in Veterans Administration, establish–
law, 00091
study, 06309, 06407
National Center for Exploitation of Oceans:
law of the sea, translations, CNEXO bulletin articles, 09404, 11014, 11020
National Center for Health Statistics:
health statistics today and tomorrrow, report of Committee to Evaluate National Center for Health Statistics, 00565
mission and policies, 11679
National Center for Youth Outreach Workers:
reaching out with new breed of worker, 09655
National Center on Child Abuse and Neglect:
establish–
committee print, 09229
hearings, printing additional copies, report, 09767
hearings, 06291
report, 06240
National Clearinghouse for Drug Abuse Information:
report series, 02542
selected reference series, 05654
National Clearinghouse for Mental Health Information :
crime and delinquency abstracts (periodical), 01829
general information, 08775
National Clearinghouse for Poison Control Centers:
bulletin, 02338
National Commission for Review of Federal and State Laws Relating to Wiretapping and Electronic Surveillance:
appropriations, 1974–
hearings, 00198
appropriations, 1975–
hearings, 10679
National Commission on Consumer Finance:
report–
hearings, 04191
National Commission on Libraries and Information Science:
annual report, 1972-73, 06933
appropriations, 1974–
hearings, 05113
law, 06160
report, 00992, 06322
National Commission on Materials Policy:
appropriations, 1974–
report, 06224
material needs and environment, today and tomorrow, final report–
hearings, 05148
National Commission on Olympic Games:
establish–
hearings, 00204
National Commission on Productivity, *see* National Commission on Productivity and Work Quality.
National Commission on Productivity and Work Quality:
objectives–
report, 10619
National Commission on Reform of Federal Criminal Laws:
report–
hearings, 05157

564-800 O - 75 - 22

National Commission on State Workmen's Compensation Laws:
supplemental studies, 04654
National Commission on Water Quality:
appropriations, 1975–
hearings, 09800
National Conference of Commissioners on Uniform State Laws:
alcoholism and intoxication treatment act, draft , 09953
National Conference on Managing Environment:
final conference report, 00348
National Conference on Pesticide Containers:
proceedings, 06637
National Conference on Rural Development:
proceedings, 10750
National Conference on Weights and Measures:
annual report, 10266
model State open dating regulation, 00559
model State weighmaster law, 05646
model State weights and measures law, model weights and measures ordinance, 03630
National Cotton Pathology Research Laboratory:
verticillium wilt of cotton, work conference, proceedings, 05920
National Corporation for Housing Partnerships:
Board of Directors, nomination of Raymond A. Harris, Henry F. Trione, and Charles J. Urstadt, 09193
National Council on Indian Opportunity:
appropriations, 1974–
law, 02944
report, 03006
supplemental, hearings, 06271, 06366
waiving points of order, report, 02968
National Council on the Arts:
annual report, 10281
National Credit Union Administration:
annual report, 01434
annual report of Administrator, 03655
financial statements, 1973, GAO examination, 10079
NCUA quarterly, 02362
research report, 05659
rules and regulations, 06935, 08113
National Credit Union Bank:
create–
hearings, 00923
National Credit Union Board:
Member, nomination of James W. Jamieson, hearings, 10759
National Criminal Justice Reference Service:
document retrieval index (DRI), 00516, 04555-6, 07938
National debt, *see* Public debt.
National defense:
agreement with Canada, 05842
code of Federal regulations, 00375, 01214, 03347, 05366
defense cutbacks, impact on American communities, report, 09240
defense indicators, 01867
defense oriented industries, shipments, current industrial reports, 07261
Defense production act, amend–
hearings, 11397
defense, electrical substation, agreement with Philippines, 00690
disaster preparedness, national emergency planning and operations, 05974
emergency preparedness progress in electric utility industry, 00279
perspectives in defense management, 02430
shipyard production and mobilization model, 11592
special military operations handbook, 04811
special military operations, 07160
support of United States at Churchill Research Range, agreement with
see also National security.
National defense education act, *see* Education.
National economy, *see* Economic conditions.
National Electronic Injury Surveillance System:
NEISS news, 02363
National Emergency, Special Committee on Termination of, Senate:
committee print, 00237, 01046, 09954
hearings, 00238, 07565-6
report, 04176
National Emergency, Termination, Special Committee on, Senate, *see* Termination of National Emergency, Special Committee on, Senate.
National Endowment for the Arts:
annual report, 10281
guide to programs, 03657
National Endowment for the Humanities:
education programs, 1974, 08768
program announcement 1972-73, information for applicant, 03658
National Environmental Research Center:
Cincinnati, Ohio–
active research tasks report, 00324
annual report, 01178, 05332
Corvallis, Oreg.–
general information, 00350
publications and reports, list, 11486
Research Triangle Park, N.C.–
annual report, 00349
background and general information, 01179
National Environmental Satellite Service:
general information, 08783
National Fertilizer Development Center:
annual report, 09646
bulletin, 03802, 05879, 07083
research and development program, abstracts, relating to objectives, 02015
National Fire Academy:
establish–
hearings, 05086, 10761
report, 03197
National Fire Data and Information Clearinghouse:
establish–
hearings, 05086
National flood insurance:
areas eligible for flood insurance, 07875
national flood insurance program, 10968
National forests:
fire report, 1972, 04433
National forest environmental management act–
hearings, 08468
State and privately owned land, fire protection within areas, 09333
stumpage prices for sawtimber sold from national forests, 02622
see also Timber.
National Foundation on the Arts and the Humanities:
act of 1965, amend–
law, 02952
report, 03019
appropriations, 1974–
law, 02944
report, 03006
waiving points of order, report, 02968
National Gallery of Art:
appropriations, 1974–
law, 02944

National Gallery of Art–Con.
report, 03006
waiving points of order, report, 02968
national lending service, 08769
National Geodetic Survey:
data, availability, explanation, application, 08142
National Guard:
Air National Guard, Guard belongs, great field for a woman, 03659
Air reserve as all-volunteer force, 05968
air reservist (periodical), 01624
allotments from pay for group life insurance premiums–
report, 09893
Army–
enlisted personnel reporting system, 05663
facilities engineering, base operations, mainitenance and minor construction, 08114
officer personnel reporting system, 05664
U.S. property and fiscal officer duties and responsibilities, 05662
modernization program, agreement with, Saudi Arabia, 00665
National Guard technicians–
merit promotion program, 03660
reduction in force, 11682
retirement of technicians, correct inequities for credit in civil service system–
hearings, 04138
seniors and National Guard, 00567
servicemen's group life insurance, for reserve, and National Guard–
hearings, 09190
technician personnel pamphlet, 03660, 11682
your retirement from the Army and Air National Guard, 05665
National Guard Bureau:
pamphlet, 05662-4, 08114, 10282
training, administrative instructions, 10282
National Health Council:
manpower distribution report, Task Force report, 10100
National health survey:
vital and health statistics, 03652, 04649-50, 05651-2, 06928-31, 08108-10, 09529-30, 10277
National Heart and Lung Advisory Council:
annual report, 09533
National Heart and Lung Institute:
NHLI'S blood resource studies, 01439
twenty-fifth anniversary booklet, 01440
National Highway Traffic Safety Administration:
Administrator, nomination of James B. Gregory–
hearings, 01023
appropriations, 1975–
report, 10674
report on 1972 activities–
departmental edition, 05669-71
document edition, 05023
National Historic Preservation Week:
designate–
report, 09167
National housing act, *see* Mortgage insurance.
National Industrial Pollution Control Council:
appropriations, 1974–
report, 06224
National Institute for Occupational Safety and Health:
publications, list, 01451
National Institute of Allergy and Infectious Diseases:
NiAid fiscal year 1972 awards, 10303
National Institute of Arthritis, Metabolism and Digestive Diseases:
diabetes research programs, expand–
hearings, 07421
sixth annual contractors' conference of artificial Kidney program, 06949
National Institute of Child Health and Human Development:
extramural program of research on aging, 09534
program in population research, recent progress, 08771
National Institute of Education:
educational laboratory and research and development center programs need to be strengthened, GAO report, 06678
establish, hearings, print additional copies–
report, 05030
operation and goals of new agency, Director responds to questions, 10289
research and development program, (remarks), 09347
National Institute of General Medical Sciences:
stewardship basic sciences, tenth anniversary (remarks), 08779
National Institute of Law Enforcement and Criminal Justice:
criminal justice research, 08674
law enforcement standards program LESP-RPT series, 05547-8
monograph series, 07939-40, 08677, 09430
prescriptive package series, 09431-4
research series, 08678-80
National Institute of Mental Health:
rural programs, 05681
Survey and Reports Section–
statistical note, 01457-60, 04668-70, 10298-300
National Institute of Neurological Diseases and Stroke:
monograph, 01464
multiple sclerosis research program, 05683
research grant support, 06964
research, summary, 06963
where can I go for information on brain and nervous system?, 04671
National Institute on Alcohol Abuse and Alcoholism–
poster, 08126
National Institutes of Health:
annual report, international activities, 07906
annual report, 1973, 10302
associate training programs, medical and biological sciences, NIH, 05685
Clinical Center, patient admission procedures, 04672
clinical electives for nursing students, 08135
guide to research contracting process, 05687
news & features from NIH, portfolio series, 02373
NiAid fiscal year 1972 awards, 10303
pharmacology research associate program of the National Institutes of Health, 05676
profile, 01468
Public Health Service grants and awards, 1973 funds–
health manpower education, 09541
research contracts, 08137
research grants, 00580
training, construction, and medical libraries, 06965
statistical reference book of international activites, fiscal year 1973 funds, 10983
UCLA health sciences computing facility, 08138

National labor relations act, *see* Industrial relations.
National Labor Relations Board:
appropriations, 1974–
hearings, 05113
law, 06160
report, 00992, 06322
decisions and orders, bound volume, 00581, 01469, 04674, 05688, 09542, 11176
decisions and related court decisions, classified index, 04673, 08139
election reports, 02330
field manual, 02341
Member, nomination of Howard Jenkins, jr.–
hearings, 06400
N.L.R.B. and collective bargaining (remarks), 10305
press releases, 02480
role in settling industrial disputes (remarks), 03664
rules and regulations relative to Labor management relations act, 02561
separation of powers and National Labor Relations Board, selected readings, 09133-4
statistical summary, quarterly, 02379
weekly summary of cases, 02783
National Legal Secretaries' Court Observance Week:
designate–
law, 00110
National Legal Services Corporation:
establish–
hearings, 06289-90
report, 03218
National Library of Medicine:
acquisitions responsibilities, 03544
bibliography of medical reviews, cumulated, 08780
bibliography of medical reviews, monthly, 02309
catalog–
cumulative listing, 02342
monthly listing, 02343
cooperative agreements & arrangements among 3 U.S. National Libraries, 03623
history, programs and services, etc., 05690
index medicus–
cumulated, 09543
journals indexed, list, 11689
MEDLINE (MEDLARS On-Line), 10307
witchcraft and medicine, 1484-1793, exhibit, 11175
National Manpower Advisory Committee:
Federal manpower policy in transition, letters, 11036
National Marine Fisheries Service:
circular, 01470
making fish protein concentrates by enzymatic hydrolysis, status report on research on some processes and products studies by NMFS, 01484
report, 1972 calendar year, 06970
statistical digest, 05694
National Mediation Board:
appropriations, 1974–
hearings, 05113
law, 06160
report, 00992, 06322
National Medical Audiovisual Center:
motion picture and videotape catalog, 04675
National Memorial Cemetary of the Pacific:
general information, 05905
National Meteorological Center:
numerical weather prediction activities, 04694
National Metric Conversion Board:
establish–
report, 03061, 10634
National monuments and memorials:
Herbert Hoover memorial education buildings, provide for construction and equipment–
report, 03223
overseas memorials, American Battle Monuments Commission to assume control, authorize–
law, 06197
National Museum:
appropriations, 1974–
additional, authorization, 05169
hearings, 05169
National Next Door Neighbor Day:
designate–
law, 00109
National Nurse Week:
designate–
report, 01002
National Nutrition Week:
designate–
report, 00993
National Ocean Survey:
aeronautical charts and related publications, catalog, 00585, 08782
technical manual, 06971
National Oceanic and Atmospheric Administration:
briefing on programs and objectives–
hearings, 00941
motion picture films, list, 10313
NOAA (periodical), 02380
NOAA story, 10314
press releases, 02455
publication announcement, 06974
technical memorandum, 00589-90, 01477, 03667, 05699, 06975, 08145, 10315-21, 11183, 11692
technical report, 00591-4, 01478-84, 03668-72, 04681, 05700-3, 06976-9, 09552-4, 10323-7
travel regulations, uniformed service, 02191
National Oceanic and Atmospheric Administration Corps:
travel regulations, 07634
National Oceanographic Data Center:
user's guide to NODC's data services, 07722
National Oceanographic Instrumentation Center:
instrument fact sheet IFS series, 01485, 08146, 09556-8, 10328, 11185-6, 11693-4
instrument fact sheet index, 09557
technical bulletin, 10329
tests in progress sheet, 02346
National Office of Juvenile Justice and Delinquency Prevention:
establish–
hearings, 07541
National Park Service:
archeology publications, 10334
development concept, 05706
Federal recreation fee program, 08147
green scene program–
care and maintenance of common household and office plants, home gardener's handbook, 05707
posters, 10332
wilderness recommendation, 05713
National parks:
camping, fees, facilities, etc., 10331
former prisoners of Vietnam war, free admission to certain units of park system, authorize–
hearing, 04227

National parks–Con.
National Capital parks, D.C., Va., Md.–
historic resource study, 01488
national park system, land acquisition appropriations–
report, 06332
off-road recreational vehicles use on public lands–
hearings, 00136
public use of national park system, fiscal year report, 00595
National Plant Materials Center:
annual report, 00642
National Policy Toward Gambling, Commission to Review:
appropriations, 1974–
law, 04987
report, 00910, 03035
appropriations, 1975–
hearings, 10685
National poultry improvement plan, *see* Poultry.
National Railroad Adjustment Board:
appropriations, 1974–
law, 06160
National Railroad Passenger Corporation:
Amtrak improvement act of 1973–
report, 03048
Amtrak oversight and authorization–
hearings, 07470
financial assistance, provide–
law, 04989
report, 02979
National Reactor Testing Station:
influence of liquid waste disposal on geochemistry of water, 10087
National Reading Center:
right to read series, 05290
National Research Council:
annual report, 1970–
departmental edition, 09478
document edition, 09135
National resources:
conservation and development of our Nation's fish and wildlife resources, environmental quality, and oceanography, compilation of Federal laws, 00153
see also Natural resources.
National Science Board:
series, 03680
National Science Foundation:
act, amend–
report, 09796
appropriations, 1974–
law, 02954
supplemental, hearings, 06366
appropriations, 1975, authorization–
hearings, 10713
appropriations, 1975–
authorization, report, 08369
energy research and development, 08371
hearings, 09812
Division of Environmental Systems and Resources, research applied to national needs, general information, 08157
Division of Science Resources Studies publications, list, 08802
fund basic and applied research for geothermal energy–
hearings, 05087, 09114
grants and awards, 08803
guide for preparation of proposals, 08789-99
guide to programs, 1974 fiscal year, 08153
instructions and specifications for reporting Federal obligations to academic and selected nonprofit institutions, 09560
mosaic, 02328
press releases, 02481
publications–
intergovernmental science and research utilization, 08801
report, 1973–
departmental edition, 06994
document edition, 06222
research applied to national needs, program solicitation, 09561-6
National security:
ADP security manual, 05196
air traffic control, Federal aviation regulations, 01947, 10014
airport security, Federal aviation regulations, 10016
Congress and the President, define–
review and manner of investigating mandate, 09954
emergency powers statutes–
constitutional questions concerning emergency powers, hearings, 00238, 07566
provisions of Federal law in effect, report, 00237
views of former Attorneys General, hearings, 07565
Energy transportation security act–
report, 08370, 08375
Government information, proper classification and handling–
hearings, 09817
government looks at privacy and security in computer systems, 06915
industrial security manual for safeguarding classified information, 08526
information security program regulation, 07633
internal security manual, 09942
international legal obligations of presence of Rhodesian Information Office in U.S.–
hearings, 04098
national security policy and changing world power alignment, 09071
reform of Federal criminal laws–
hearings, 07547
see also Civilian defense.
National Security Council:
third USC/FAR consolidated plan for foreign affairs research, fy-1974-75, 08158
transmittal of documents to Chairman of Joint Chiefs of Staff–
hearings, 05117-8, 10756
National Security Seminar:
background readings, 00494
general information, 05503
National service life insurance, *see* Life insurance.
National Severe Storms Laboratory:
project highlights, 10883
National Society for Autistic Children:
annual meeting, proceedings and papers, 05678
National Society of Daughters of American Revolution:
annual report, 07459, 11420
National Sports Development Foundation:
establish–
hearings, 07484
report, 03149
National Student Volunteer Program:
synergist (periodical), 02640
National Study Commission on Water Quality Management:
appropriations, 1974–
report, 06224

National Technical Information Service:
EPA reports bibliography, EPA reports available, 00346
fall 1973 NTIS special interest publications, 03687
Government reports, annual index, 05716
software and data files, order catalog, 08159
weekly abstracts, NASA earth resources survey, 02753
weekly Government abstracts, administration, 02759
weekly Government abstracts, agriculture & food, 02760
weekly Government abstracts, behavior & society, 02761
weekly Government abstracts, biomedical technology and engineering, 02762
weekly Government abstracts, building technology, 02763
weekly Government abstracts, business & economics, 02764
weekly Government abstracts, chemistry, 02765
weekly Government abstracts, civil & structural engineering, 02766
weekly Government abstracts, computers, control and information theory, 02767
weekly Government abstracts, electrotechnology, 02768
weekly Government abstracts, energy, 02769
weekly Government abstracts, environmental pollution & control, 02770
weekly Government abstracts, Government inventions for licensing, 02771
weekly Government abstracts, industrial & mechanical engineering, 02772
weekly Government abstracts, library & information sciences, 02773
weekly Government abstracts, materials sciences, 02774
weekly Government abstracts, medicine & biology, 02775
weekly Government abstracts, natural resources, 02776
weekly Government abstracts, ocean technology & engineering, 02777
weekly Government abstracts, physics, 02778
weekly Government abstracts, transportation, 02779
weekly Government abstracts, urban technology, 02780
National Tourism Administration:
establish–
hearings, 10764
National Tourism Resources Review Commission:
report, appendix, 03689
report–
hearings, 00208
summary report, 03688
National Transportation Safety Board:
activities–
hearings, 06378
appropriations, 1975–
report, 10674
enforcement decisions in aviation and marine cases, Apr.1,1967-Dec.31,1972, 08161
NTSB-AAR series, 00597, 01497-9, 03690, 05717-8, 06995, 08160, 09569-70, 10351
NTSB-AAS series, 08806
NTSB-BA series, 01628
press releases, 02482
safety recommendations, 02567
National Union Catalog:
Library of Congress, 02348
manuscript collections, 11033
National Visitor Center:
facilities act, amend–
hearings, 11403
increase scope and purpose, proposal–
hearings, 08506
National Volunteer Week:
designate–
report, 09158
National Water Commission:
final report–
hearings, 07532
National Weather Service:
communications handbook, 09572, 11699
offices and stations, list, 08809
operations, 11700
snow accumulation and ablation model, river forecast system, 10319
National Wilderness Preservation System:
annual report, 06221
review–
hearings, 08377
twelve additions to system, message from President proposing additions, 06221
Nationality:
code of Federal regulations, 07809
Immigration and nationality act, amend–
report, 02988, 03007
Immigration and nationality act–
legislative oversight, hearings, 08417
U.S. nationals employed outside United States by Federal Government, extend coverage of life insurance–
law, 04014
report, 03211
NATO, *see* North Atlantic Treaty Organization.
Natrona County, Wyo.:
detection and delineation of faults by surface resistivity measurements, 07995
Natural areas, *see* Wilderness areas.
Natural gas, *see* Gas.
Natural obligations:
toward declaration of rights and obligations of older Americans, 10489
Natural resources:
alternative futures and environmental quality, 05339
area 3, Florida, vegetation in relation to water depth, 10952
blueprint for action (remarks), 10495
career profiles in forestry, conservation, ecology, environmental management, 04428
conservation highlights, 1972, summary, 01555
conservation programs on military and other Federal lands–
report, 10748
conservation publications and related subjects published by Interior Department, list, 10129
conservation, resource recovery, and solid waste disposal, study, 07572
energy conservation strategies to combat crisis, 01187
estimation of petroleum exploration success and effects of resource base exhaustion via simulation model, 05418
growth and its implications for future resources–
hearings, 09104
improving the environment, resources conservation in Vermont, 03745
individual action for energy conservation, 00944

Natural resources–Con.
management of national resource lands for protection and development–
hearing, 04224
NASA earth resources survey program, weekly abstracts, 02753
resource action in East Central Colorado Resource Conservation and Development Project area, 03746
resource bulletin, 00420-1, 01242, 04448, 05409, 06671-5, 07834-5
resource conservation and development project plan, Idaho, Wood River resource area council of governments, 08849
resource conservation and development project, Idaho-Washington, short term plan, 10425
Resource conservation and energy recovery act, text and description, 10765
resource conservation and recycling–
hearings, 08476
resource conservation by recycling to reduce solid waste–
hearings, 09196, 09914
resource publication series, 03757, 08223, 10436, 11243
resource recovery and source reduction, second report to Congress, 07780
resource recovery from solid waste management, 07779
resource related problems, Beaver River Basin study, Utah-Nevada, 02811
resource scarcity, economic growth, and environment–
hearings, 09738
scarce resources and international tradeoffs (remarks), 03547
soils and fertilizers, erosion conservation, publications, price list, 03717
south Dade County, Fla., resource and land information, 00471
USSR resources, translations, 02679
weekly Government abstracts, 02776
see also Land–Water.
Natural science, *see* Science.
Naturalization:
becoming a citizen series, our Government, 01296
immigration and naturalization, investigation and studies–
authorization and expenses, report, 09900
Nature:
electromagnetism signalling in animate nature, USSR study, 11562
statistical methods of studying natural objects, USSR study, 10987
Naugatuck River:
flood plain information, 07689
Naugatuck, Conn.:
flood plain information, 07689
Nauru:
background notes, 03764
Nautical almanacs, *see* Almanacs.
Nautical charts, *see* Maps and charts.
Navajo County, Ariz.:
report and interpretations for general soil map, 00644
Navajo Dam:
and Lake, general information, 03720
Navajo Indian Irrigation Project:
Navajo Indian Irrigation Project, comprehensive plan framework, 00461
Navajo Indians:
Hopi and Navajo Indians, joint land partition–
hearings, 08398
irrigation project, New Mexico, 11220
partition of surface rights of Navajo-Hopi Indian land–
hearings, 10660
trading post system on Navajo reservation, 10056
Navajo reservation:
trading post system, 10056
Naval Academy, Annapolis:
catalog, 08163
Iranian students, permit 2 to attend–
hearings, 03105
law, 06154
report, 03023, 03229
new engineering complex, name in honor of Hyman G. Rickover–
hearings, 09818
Naval Air Development Center:
report NADC series, 08176
Naval art and science:
means of measuring naval power with special reference to U.S. and Soviet activities in Indian Ocean, 09831
naval research logistics quarterly, 02352
Naval aviation, *see* Aeronautics.
Naval districts, *see* Navy Department.
Naval education:
rate training manual, 01502-4, 05724, 07006, 09578, 10365
Naval Facilities Engineering Command:
design manual, 00598-9, 06996
Naval Oceanographic Office:
monthly summary, the Gulf Stream (periodical), 02322
special publication SP series, 05723, 10354
technical report, 03691, 08811
Naval Operations Office:
premises occupied by Chief of Naval Operations to be official residence of Vice President–
hearings, 11396
Naval Personnel Bureau:
career publication, 01640
manual, 00600, 01690, 06998, 10355
subsurface geology and engineering data, 05432
Naval petroleum reserves:
Elk Hills reserve, production of petroleum, authorize–
report, 06349
increase production from petroleum reserve no.1–
hearings, 05115
investigation–
hearings, 06272
report, 06273
northern Alaska and adjacent areas, reserve no. 4, exploration, 1944-53, subsurface geology and engineering data, 05432
Naval Research Laboratory:
NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oil, and smoke deposits, guide, 00602
memorandum report series, 09574
progress, report, monthly, 02539
report series, 00602, 01500-1, 03692-3, 04696-9, 06999-7005, 08166-74, 09575-7, 10357-64, 11202-10, 11703-5
two NRL codes, physics and chemistry for distrubed E and F regions, 08167
Naval Research Office:
ONR report ACR series, 08813

Naval Reserve:
register–
commissioned and warrant officers, 08812
Naval Safety Center:
fathom (periodical), 01937
Navy lifeline, naval safety journal (periodical), 02358
Naval stores:
report–
monthly, 02355
Naval Submarine Medical Center:
report, 03556-7, 04579, 06823-9, 07957-64, 08691, 10176, 11039-40
Naval supplies, *see* Military supplies.
Naval Training Equipment Center:
training support developments (periodical), 02659
Naval vessels, *see* Ships.
Naval Weapons Center:
NWC technical publication TP series, 08177-80 08180
Naval Weapons Laboratory, Dahlgren, Va:
NWL administrative report AR series, 07008
NWL precision ephemeris, 05744
NWL technical report TR series, 04700-7, 05728-48
Navier-Stokes equations, *see* Equations of motion.
Navigation:
and inertial devices, USSR study, 07918
automatic flight control devices on first Soviet rockets, 06791
bridges over navigable waters Atlantic coast, 00803
channel improvements, Barnegat Inlet, N.J., hydraulic model investigation, 10818
code of Federal regulations, 03348
height variation along sea ice pressure ridges and probability of finding holes for vehicle crossings, 05304
lunar roving vehicle navigation system performance review, 03615
mechanization equations for aided inertial navigation systems, 04610
navigation and navigable waters, code of Federal regulations, 00376
notice to mariners–
coastal and ocean regions of world, 02384
Great Lakes and tributary waters west of Montreal, 02385
Omega navigational station, agreement with Liberia, 03773
predicted effects of proposed navigation improvements on residence time and dissolved oxygen of salt wedge in Duwamish River estuary, King County, Wash., 01261
water resources developments and navigational improvements in Alaska–
hearings, 05181
water resources development–
hearings, 06306
see also Air navigation–Loran-Radio in navigation.
Navigation instruments, *see* Aeronautical instruments.
Navy:
admiral, retired list, appointment of Hyman G. Rickover–
hearings, 09819
civil engineer (periodical), 02357
critical path planning in navy, USSR study, 06782
discipline problems–
hearings, 05053
faceplate, official magazine for divers of U.S. Navy, 01930
journal, civilian manpower management, 02195
medicine, statistics, quarterly, 02617
naval communications station design, 08810
officers, classification manual, 10356
personnel admitted to psychiatric sick list–
actuarial odds scores for return to duty success, 06821
study, 06820
procurement directives, 02359
rate training manual, 01502-4, 05724, 07006, 09578, 10365
selling to prime contractors, 05748
sentence intelligibility for audiological assessment of Naval personnel and voice communication systems, 07960
travel regulations, 02191, 07634
U.S. Navy medicine (periodical), 02707
see also Uniforms.
Navy Department:
appropriations, 1974, military construction–
hearings, 00920
law, 08339
report, 03079, 04066, 06247
appropriations, 1974–
hearings, 05111
appropriations, 1975–
hearings, 11391
Assistant Secretary for Manpower and Reserve Affairs, nomination of Joseph T. McCullen, jr.–
hearings, 01017
Assistant Secretary for research and development, nomination of David S. Potter–
hearings, 01017
direction, Navy Public Affairs monthly, 01886
naval nuclear propulsion program–
hearings, 06200
procurement directives, 11211
realine naval districts–
hearings, 11394
Navy Medical Department, *see* Medical Department (Navy).
Navy Medical Neuropsychiatric Research Unit:
abstracts of completed research, 1972, 06817
report, 06819-22
Navy Supply Corps:
newsletter, 02360
Nawiliwili Harbor:
small boats, proposed for Kauai, Hawaii, environmental statement, 00316
NBS, *see* National Bureau of Standards.
NCI, *see* National Cancer Institute.
NCJRS, *see* National Criminal Justice Reference Service.
NCU, *see* National Credit Union Administration.
Near East, *see* East (Near East).
Nebraska:
climatological data, 01744
counties and metropolitan areas, population estimates, 07278
precipitation data, hourly, 02115
Needles (sewing, etc.):
upholstery regulating needles, duty elimination–
report, 09781
Neely Creek:
floods, vicinity of Jackson, Miss., 01128
Negotiated contracts, *see* Government contracts.
Negotiation:
Federal-interstate compact for Hudson River basin, discontinuance of negotiations, 08352

Negotiation–Con.
international negotiation, limitation of strategic offensive arms, basic principles of negotiations, 00672
negotiation and statecraft–hearings, 08489
oil negotiation, Organization of Petroleum Exporting Countries and stability of supply–hearings, 05061
Negroes:
black news digest, 01682
black studies, National Archives microfilm publications, select catalog, 04635
body weight, stature, and sitting height, white and Negro youths 12-17 years, 03652
education and income in black community (remarks), 03364
Federal aid to black colleges, 09261
Federal aid to predominately black colleges, 03311
free black heads of families in 1st census of U.S., 1790, list, 06902
Negroes in United States, percent change, by counties, 1960-70 (map), 07287
Neighborhoods:
neighborhood facilities grant program–applicant handbook, 09355
post-completion management, 10120
neighborhood facilities, study of operating facilities, 03421
Nematicides, *see* Nematocides.
Nematocides:
EPA compendium of registered pesticides, fungicides and nematicides, 00605, 01919, 10370, 11716
Nematodes, *see* Nematoid worms.
Nematoid worms:
nematodes reported in waterfowl, key, 11243
Nematospora:
Nematosporaceae (Hemiscomycetidae), taxonomy, pathogenicity, distribution, and vector relations, 04794
Nematosporacae, *see* Nematospora.
Neoprene:
polychloroprene rubber from Japan, determination of injury to U.S. industry, Tariff Commission report, 05872
Neosho River, *see* Grand River.
Nepal:
accessions list, Library of Congress, American Libraries Procurement Center, New Delhi, 05558
area handbook, 04861
background notes, 04745
Nephila maculata, *see* Spiders.
Neptunium isitopes:
plutonium-238 production by irradiation of neptunium-237 in light water reactors, 06051
NERC, *see* National Environmental Research Center.
Nerve gases:
chase x disposal site, third post-dump survey, 09574
prohibit transporting to or from military installation with use of public funds without Congressional approval–hearings, 07388
Nervous system:
cerebrovascular bibliography, including neurological, vascular, hematological aspects, 01713
commission for neurophysiology and higher nervous activity, USSR study, 11007
effect of electromagnetic field in meter range on nervous system of animals, USSR study, 03507
increased partial pressure of oxygen on sympatho-adrenal and acetylcholine systems, effects, USSR study, 05535
information recording mechanism, USSR study, 11006
neuroligical disorders of infancy and childhood, collaborative study, bibliography, 06961
studies, USSR study, 06784
where can I go for information on brain and nervous system?, 04671
see also Reflexes.
NESS, *see* National Environmental Satellite Service.
Nests:
calling sapsuckers and finding their nesting territories, 08597
nesting helps, birdhouse construction guide, 08871
Netherlands:
background notes, 04746
economic trends and their implications for United States, 06746
education, financing of exchange programs, agreement, 05841
foreign trade regulations, 04332
pilot country commercial program, 07329
Networks:
basic propositions for system of automating zone telephone networks, USSR study, 07930
computer, technology, review, 08101
network access, user procedures standardization, 03646
network management problems and issues, review, 01427
network management survey, 08102
networking terminology, guide, 10271
resource sharing computer networks, annotated bibliography, 03640
subscriber terminals and network interface for broadband cable teleservices, survey, 00808
see also Electric networks.
Neurochemistry:
characteristics of conditioned reflex and neurochemical mechanisms of negative-emotional type responses, USSR study, 09413
Neurological diseases, *see* Nervous system.
Neurology:
information resources for neurosciences, 01463
neurology-psychiatry in People's Republic of China, 07907
research grant support in neurological fields, 06964
see also Nervous system.
Neurophysiology:
commission for neurophysiology and higher nervous activity, USSR study, 11007
Neuropsychiatry:
Navy Medical Neuropsychiatric Research Unit, San Diego, Calif. report, 06819-22
Neurosciences, *see* Neurology.
Neutrinos:
solar neutrinos, USSR study, 11574
Neutron activation analysis, *see* Radioactivation analysis.
Neutron capture cross sections:
transport analysis of measured neutron leakage spectra from spheres as tests of evaluated high-energy cross sections, 05632
Neutron spectrum, *see* Spectra.

Neutrons:
accelerator radiation protection, 04845
behavior of Rapsodie reactor fuel elements in 1971-72, 09692
continuous monitoring of coal by neutron moisture meter, 04588
MeV (million electric volts) total neutron cross sections, 11164
Nevada:
Beaver River Basin study, resource related problems, 02811
census portrait, 08919
climatological data, 01745
Lake Mead, north, large-magnitude late strike-slip faulting, 06704
migratory sheep ranches, costs and returns, 03307
north-central area, Auld Lang Syne Group of late Triassic and Jurassic (?) age, 06698
paleontology and stratigraphy of Rabbit Hill Limestone and Lone Mountain dolomite of central Nevada, 04475
precipitation data, hourly, 02116
registry of minority contractors and housing professionals—
listing in selected cities, 00456
soil and water conservation 1973, report, 10427
Tahoe basin area, soil survey report, 09616
test site, surface fracturing of Carpetbag event, Yucca Flat, 04483
water supply outlook and snow surveys, 02747
water supply, fall summary, 03744
New Boston Food Market, Boston, Mass.:
gas- and electric-powered central refrigeration systems for food distribution centers, evaluation, 02805
New Caledonia:
Melanesian Journal, expeditions to study child growth and development etc., 06962
New Communities Administration:
file manual, 11162
New England:
climatological data, 01746
comprehensive water quality control program in New England, 09586
cost study of general freight transportation, 00492, 03485
fisheries, landings, 05692
national airport system plan, 1972, New England region, 04399
precipitation data, hourly, 02117
primary wood-product industries of southern New England, 05409
New England River Basin Commission:
annual report, 09024
New Federalism, *see* Decentralization in Government.
New Guinea:
ecology and behavior of giant wood spider nephila maculata (Fabricius), 08206
Melanesian Journal, expeditions to study child growth and development etc., 06962
New Hampshire:
Androscoggin River pollution report, 11738
conservation for quality living, 01554
counties and metropolitan areas, population estimates, 06088
fertilization increases diameter growth of birch-beech-maple trees in New Hampshire, 06656
local rail service zone, Secretary of Transportation report, 04755
mineral industry, minerals yearbook chapter, 05593
species and structure of a virgin northern hardwood stand in New Hampshire, 06655
New Hebrides:
journal of trip, 10301
Melanesian Journal, expeditions to study child growth and development patterns etc., 06962
New Hope Dam and Lake:
rename as B. Everett Jordan Dam and Lake—
law, 04004
New Jersey:
census portrait, 10536
climatological data, 01747
landings, fish and shellfish, 02365, 04677
local rail service zone, Secretary of Transportation report, 04755
mineral industry, minerals yearbook chapter, 11614
precipitation data, hourly, 02118
preview of New Jersey's forest resource, 06651
registry of minority contractors and housing professionals, listings in selected cities, 00451
water resources, Rampapo River basin, 03418
New London, Conn.:
model cities program, comparative analysis of 2d round planning years, 03430
New Mexico:
Agricultural Stabilization and Conservation Service, annual report, 00716
artificial-recharge experiments and operation on the southern high plains of Texas and New Mexico, 03416
census portrait, 10537
characteristics of Spanish surname population by census tract, for SMSA's, 1970, 09709
climatological data, 01748
interstate pollution of Animas River, 11752-3
Navajo Indian irrigation project, 11220
precipitation data, hourly, 02119
provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417
registry of minority contractors and housing professionals, listing in selected cities, 00455
water quality standards summary, interstate waters, 10061
water resources data, 10956
New Mexico State University:
land conveyance—
report, 09788
New Orleans, La.:
census of housing, block statistics, 04906
central refrigeration system for proposed food distribution center, 02806
hypochlorination of polluted stormwater pumpage at New Orleans, 06568
Mississippi River and tributaries and other watersheds in district, stages and discharges, 07711
processing of international mail—
hearings, 10712
New River:
designate segment as part of national wild and scenic rivers system—
report, 11426
New York City:
area wage survey, 07947
competition in real estate and mortgage lending as it affects housing crisis
hearings, 00229, 05151

New York City–Con.
Cotton Exchange, futures trading and open contracts in cotton and frozen concentrated orange juice, wool, 02055
crime in Nation's 5 largest cities, 10153
impact of Federal policies on employment, poverty, and other programs–
hearings, 06339
implementation of transportation controls to alleviate air pollution–
hearings, 10792
large commercial banks, weekly condition report, 02756
Mercantile Exchange, futures trading and open contracts in potatoes and imported frozen fresh boneless beef, 02056
New York Bight–
bibliography, marine ecosystems analysis program, 10312
NOAA products and services, 09555
ocean dumping, assessment of environmental studies, 05295
offshore airport feasibility study, 11789
proposed elimination of OEO and related legislation–
hearings, 06290
transportation planning and priorities for Seventies–
hearings, 10794
New York State:
Agricultural Stabilization and Conservation Service, annual report, 00717
census of population, characteristics of population, 00051
census portrait, 08920
climatological data, 01749
landings, annual summary, 11181
landings, fish and shellfish, 02372
local rail service zone, Secretary of Transportation report, 04755
precipitation data, hourly, 02120
registry of minority contractors and housing professionals, listings in selected cities, 00451
water resources data, 10957
New Zealand:
economic trends and their implications for United States, 06757
plant quarantine import requirements, 04819
New, Ray H.:
relief, 00860, 02922
Newark, N.J.:
Erie-Lackawanna Railway Company, railway accident investigation summary report, 07021
Newburgh and South Shore Railway Co.:
accident investigation report, 03733
Newburgh, N.Y.:
area wage survey, 01359
Newcastle disease:
wiping out exotic Newcastle disease, 00019
Newman, Robert L.:
Robert Loftin Newman, catalogue of paintings and biographical essay, 08765
Newport River:
distribution and relative abundance of fishes, North Carolina, 05701
News letters:
Army Medical Department, 02377
consumer news (periodical), 01812
drug abuse prevention report, official newsletter of Special Action Office for Drug Abuse Prevention, 01891
equal opportunity in Federal employment, 01922
Federal Library Committee, 02027
Head Start Project, 02081
Hoy, newsletter from Cabinet Committee on Opportunities for Spanish Speaking People, 02141
LEAA [Law Enforcement Assistance Administration], 02206
Navy Supply Corps, 02560
President's Council on Physical Fitness and Sports, 02375
research in mental health and behavioral science, 02376
RIF (Reading is fundamental) newsletter, 02553
sea grant newsletter, index, 00589
State Department, 01874
Newsletters, *see* News letters.
Newspapers:
foreign newspaper report, 02045
microform, list–
foreign countries, 07955
United States, 05561
see also Press.
Newsprint, *see* Paper.
Newton-Raphson methods, *see* Variables (mathematics).
NGB, *see* National Guard Bureau.
Nguong Thi Tran, *see* Tran, Nguong Thi.
Nguyen Thi Nguong, *see* Tran, Nguong Thi.
NHLI, *see* National Heart and Lung Institute.
Niagara River:
utilization of Eastern Daylight saving time to determine hours of flow, treaty with–
Canada, 05828
NiAid, *see* National Institute of Allergy and Infectious Diseases.
Nicaragua:
disaster relief assistance–
appropriation, authorization, hearings, 06293
earthquake relief, agreement, 04747
economic trends and their implications for United States, 06756
emergency disaster assistance–
hearings, 06365
NICHD, *see* National Institute of Child Health and Human Development.
Nickel:
disintegration of Wolf Creek meteorite and formation of pecoraite, nickel analog of clinochrysotile, 10088
elevated-temperature tensile properties of alloys based on intermetallic compound TiNi, 08069
eutectic superalloys strengthened by delta, Ni3Cb lamellae and gamma-l, Ni3Al precipitates, 05608
fretting of nickel-chromium-aluminum alloys at temperatures to 816° C, 09508
high-velocity-oxidation performance of coatings on IN-100 and VIA nickel alloys, 09505
investigation of mutual diffusion, USSR study, 03508
isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base alloys, NASA-TRW VIA, B-1900, 713C, and 738X, 06888
mineral industry survey, monthly, 02378
radiochemical separation procedures, 09701
Nicotine:
tar and nicotine content of cigarettes, list, 10547
NIE, *see* National Institute of Education.
Niger:
background notes, 08851
Dahomey, boundary study, 03769

Nigeria:
Africana acquisitions, report of publication survey trip, 01363
economic trends and their implications for United States, 06750
selling in Nigeria, 00283
Sokoto basin, aquifers, with description of general hydrogeology of region, 08618, 10090
water levels and artesian pressures in Chad basin of northeastern Nigeria, 01273
Nightwear:
fire incidents involving sleepwear worn by children, 06923
knit, current industrial reports, 01847
NIH, *see* National Institutes of Health.
NIIS, *see* National Technical Information Service.
Nimbus spacecraft, *see* Satellites.
Nina Footwear Co., Inc.:
Long Island City, N.Y., footwear for women, Tariff Commission report, 08250
NINDS, *see* National Institute of Neurological Diseases and Stroke.
Niobium:
performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests, 11135
thermionic performance of variable-gap cesium diminiode with l10-single crystal tungsten emitter and polycrystalline-niobium collector, 11098
NIOSH, *see* National Institute for Occupational Safety and Health.
Nisqually Indian Reservation:
water resources, 03417
Nitrates:
determination in water with auto analyzer, 10385
nitrate and nitrite volatilization by microorganisms in laboratory experiments, 04363
nitrate and sulfate in atmospheric particulates, rapid and accurate measurement, methods, 07746
see also Plutonium nitrates.
Nitrification and denitrification:
nitrification and denitrification facilities, wastewater treatment, 11269
Nitrites:
nitrate and nitrite volatilization by microorganisms in laboratory experiments, 04363
Nitrogen:
ammonia-nitrogen removal by breakpoint chlorination, 07762
liquid nitrogen fuel tank inerting system in FAA DC-9 aircraft, service experience, 10927
mineral industry survey, 05586
nitrogen in Lake Michigan and Green Bay, 05814
nitrogen sources and cycling in natural waters, 00325
population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas with large parameter gradients, USSR study, 05521
protocol for evaluating nitrogen status of lake sediments, 07730
removal from wastewater by ammonia stripping, 07761
thermophysical properties from fusion line to 3500 R (1944 K) for pressures to 150,000 PSIA, 08100
venting characteristics of gaseous helium and nitrogen discharging into free stream, 10222
Nitrogen dioxide:
development of improved systems for obtaining time integrated measurements of sulfur dioxide, nitrogen dioxide, nitrogen oxides, and other pollutants, 00339
Nitrogen narcosis, *see* Narcosis.
Nitrogen oxides:
aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07743
development of improved systems for obtaining time integrated measurements of sulfur dioxide, nitrogen dioxide, nitrogen oxides, and other pollutants, 00339
inlet-air humidity, temperature, pressure, and reference Mach number on formation of oxides of nitrogen in gas turbine combustor, effect, 05625
instrument for simultaneous monitoring NOx and SO2 in stationary sources, 06558
interactions of stack gas sulfur and nitrogen oxides on dry sorbents, 00334
NOx from coal-fired furnaces, effects of design and operating variables, 07747
program for reduction of NOx from tangential coal-fired boilers, phase I, 00331
removing NOx from flue gases, development of aqueous processes, addendum, 04370
surface combustion concepts for NOx control in utility boilers and stationary gas turbines, investigation, 00332
Nitroglycerin:
determining explosive oil in dynamites using high-pressure liquid chromatography, 01379
Nitrous oxide:
radiation chemistry of nitrous oxide gas, primary processes, elementary reactions, and yields, 06905
Nixon, Richard M., *see* President of United States.
NLRB, *see* National Labor Relations Board.
NMB, *see* National Mediation Board.
NMFS, *see* National Marine Fisheries Service.
No-fault motor vehicle insurance, *see* Automobile insurance.
NOAA, *see* National Oceanic and Atmospheric Administration.
Nobeoka, Japan:
synoptic meteorological observations, 11712
NODC, *see* National Oceanographic Data Center.
Noise:
acoustic tests of 15.2-centimeter-diameter potential flow convergent nozzle, 09488
acoustically lined ejector technology development for multitube jet noise suppressor nozzles, 11086
amplifier noise, considerations for precise measurement, 01422
blast noise standards and instrumentation, 11645
commercial integrating-type noise exposure meters, evaluation, 08097
comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251
distorted speech, reception, 08901
effect of flight density and background noise on V/STOL psychological acceptability, 08018

Noise–Con.
environmental noise assessment, Waco, Tex., 11479
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
flight noise measurement program using standard and modified SH-3A helicopter, 08051
inlet flow distortion noise from subsonic fan, combined quadrupole-dipole model, 10258
legal compilation of statutes and legislative history, executive orders, regulations, guidelines and reports, 03322, 03324
noise and vibration control on seagoing vessels, USSR study, 03506
noise and wake structure measurements study improve acoustical design in subsonic tip speed fan, 04606
Noise control act–
implementation, hearings, 08512
noise control in multifamily dwellings, airborne, impact, and structureborne guide, 08565
noise dosimeter performance, 11066
noise measurements, standards, rating schemes, and definitions, 03641
noise source abatement technology and cost analysis including retrofitting, 04379
numerical simulation of noise propagation in jet engine ducts, 04623
paper caps, development of procedure for measuring, 01426
public health and welfare criteria, 00351
ratings, handbook, 10207
responsivity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, investigation, 04622
results of noise measurement program on standard and modified OH-6A helicopter, 01401
standards, aircraft type certification, Federal aviation regulations, 01944
theoretical studies of tone noise from fan rotor, 04611
truck noise, acoustic and performance test comparison of initial quieted truck with contemporary production trucks, 07084
see also Noise suppressors-Sonic boom.
Noise suppressors:
acoustic suppressors for fans of high by pass turbofan engines, 08026
acoustically lined ejector technology development for multitube jet noise suppressor nozzles, 11086
flight velocity effects on jet noise of several variations of 12-chute suppressor installed on plug nozzel, 08043
on relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
thrust performance of isolated plug nozzles with 2 types of 40-spoke noise suppressor, 08044
validity of heat-field concept for sonic-boom alleviation, 08040
Nomenclature:
Brussels nomenclature format, tariff schedules, proposed conversion, 08866
Brussels tariff nomenclature format, tariff schedules, draft conversion, 08860-1, 09628-9, 11791
stratigraphic nomenclature changes by Geological Survey, 10940
Nominations:
Senators, Federal and State laws, summary, 10718
Nomography (mathematics)::
estimating hydrocarbon lease bonus bids in Gulf of Mexico, offshore petroleum studies, 01373
nomographs for thermal pollution control systems, 05327
Non-discrimination, *see* Race problems.
Nonfat dry milk, *see* Milk.
Nonferrous castings, *see* Castings.
Nonlinear equations, *see* Equations.
Nonlinear theories:
nonlinear transient analysis of multi-mass flexible rotors, theory and applications, 03581
Nonmetallic materials, *see* Nonmetals.
Nonmetals:
fabricated nonmetallic materials, Federal item identification guide, 04316
minor, minerals yearbook chapter, 10193
Nonpublic education, *see* Private schools.
Nonprofit organizations:
Federal obligations, instructions and specifications for reporting, 09560
tax-sheltered annuity plans for employees of public schools and certain tax-exempt organizations, 03463
Norepinephrine:
increased partial pressure of oxygen, concentrations of norepinephrine activity, on sympatho-adrenal systems, effects, USSR study, 05535
Norfolk and Western Railway Co.:
accident investigation summary report, 10402
employee accident investigation report, 11225
Norman, David L.:
nomination–
hearings, 04195
North America:
advances in North American avalanche technology, 1972 symposium, 04432
butterflies of North America north of Mexico, bibliography, 11760
coastal upwelling indices, west coast of North America, 1946-71, 05704
Devonian carrier shells (Euomphalidae), 05436
geology, bibliography, 05420
Pacific Coast, tidal current tables, 01475
west coast, tide tables, 05698
North American Conference on Labor Statistics:
selected papers, 04569
North Atlantic Ocean, *see* Atlantic Ocean.
North Atlantic Treaty Organization:
commemorative aerogramme 18-cent (poster), 10482
military assistance to Greece, restrictions–
report, 09883
Permanent Representative on Council, nomination of Donald Rumsfeld–
hearings, 09209
policy, troops, and NATO alliance–
report, 09910
postdoctoral fellowships in science, information, 10341
U.S. Forces in NATO–
hearings, 06300
North Carolina:
census of population, 1970 characteristics of population, 00052
census portrait, 08921
climatological data, 01750
landings, fish and shellfish, 02383, 10308
precipitation data, hourly, 02121

North Carolina–Con.
registry of minority contractors and housing professionals listing in selected cities, 00453
Santee River basin, water and land resources, 10429
North Cascades National Park:
Ross Lake & Lake Chelan National Recreation Areas, general information, 01492
North Central Airlines, Inc.:
aircraft accident report, 00597
North Central States, *see* Central States.
North Creek:
floods on North Creek, South Creek, Catfish Creek, Clower Creek, Elligraw Bayou, Matheny Creek, Sarasota County, Fla., 00308
North Dakota:
census portrait, 08922
climatological data, 01751
counties and metropolitan areas, population estimates, 07275
Grand River, quality of interstate waters, 09595
James River, quality of interstate waters, 11747
laboratory determination of factors affecting storage of North Dakota lignite, computer simulation of spontaneous heating, 11637
Lake Traverse Reservation, Sisseton and Wahpeton Sioux Tribe to consolidate land holdings–
report, 11427
mineral industry, minerals yearbook chapter, 11615
municipal water supplies, pollution of Yellowstone River as related to taste and odor problems, 10388
precipitation data, hourly, 02122
sewage stabilization ponds, evaluation of use in cold climates, 11742
North East Transportation Commission:
establish–
hearings, 00142
North Fork Holston River:
interstate pollution, conference proceedings, 10378
North Kentucky River:
flood plain information, 07690
North Korea, *see* Korea.
North Platte River:
biological survey in vicinity of Cowdrey, Colo., 10870
flood plain information, 07691
North Platte, Nebr.:
flood plain information, 07691
Northeast (U.S.):
adequate and efficient rail service, authorize–
law, 06191
adequate and efficient rail services, authorize and direct maintenance–
report, 05099
classification of freshwater wetlands in glaciated Northeast, 10436
gypsy moth problem, economic analysis, applied to residential property, 08598
marine flora and fauna, 01481-2, 06983, 06985, 10327
North Atlantic regional water resources study, 01505-28, 03694
northeast region, geographic identification code scheme, 00760
pulpwood production in 1971, 01242
pulpwood production in 1972, 07835
railroad transportation crisis–
hearings, 06373
rail service in Midwest and Northeast region, Secretary of Transportation report, 04754-6
rail transportation, proposals to alleviate problems–
hearings, 00141-2
rural development research for next 5 years, framework, task force report, 07102
silvicultural guide for spruce-fir in Northeast, 06643
veal calf production and marketing in Northeast, 06603
Northeast Creek:
flood plain information, 06504
floods, 07701
Northeastern Forest Experiment Station:
history, 1923-73, 03396
report for 1972, 04434
Northeastern States, *see* Northeast (U.S.).
Northern Great Basin, *see* Great Basin.
Northern Hemisphere, *see* Hemisphere, Northern.
Northwest (U.S.):
art of Pacific Northwest, 08764
forest industries, production, prices, employment, and trade, 02501
forest pest conditions in Pacific Northwest, 00394
national airport system plan, 1972, Northwest region, 04400
Northwest cattle ranches, costs and returns, 03308
Pacific Northwest–
current discharge at selected stations, 01842
precipitation and temperature, monthly, 02416
river temperatures, 02558-9
water resources summary, 02417, 11541
water resources, weekly runoff report, 02418
water, reports by Geological Survey, list, 02369
thermal power plant siting, panel discussion, 11213
timber measurement and management planning, 11532
Northwest Atlantic Fisheries, International Commission, *see* International Commission for Northwest Atlantic Fisheries.
Norway:
atomic energy, IAEA application of safeguards pursuant to non-proliferation treaty, suspending agreement, 07056
background notes, 11775
economic trends and their implications for United States, 10145
mineral industry, minerals yearbook chapter, 11616
mutual defense assistance, agreement, 07057
NOS, *see* National Ocean Survey.
Noses (aircraft):
flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
Nosocomial infections, *see* Infections.
Notch strength:
application of boundary integral method to elastic analysis of V-notched beams, 04626
boundary integral method, application to elastoplastic analysis of V-notched beams, 10254
Notes, *see* Treasury notes.

Notice to airmen:
international notams, 02176
Notice to mariners:
coastal and ocean regions of world, 02384
Great Lakes and tributary waters west of Montreal, 02385
Notifiable diseases, *see* Contagion and contagious diseases.
Notions:
and apparel findings, Federal item identification, guide, 04310
Noxious plants, *see* Weeds.
Nozzles:
acoustic tests of 15.2 centimeter-diameter potential flow convergent nozzle, 09488
acoustically lined ejector technology development for multitube jet noise suppressor nozzles, 11086
boundary layer trip protuberances in overexpanded rocket nozzles, procedure for calculation, 11119
comparison of measured and calculated velocity profiles of laminar incompressible free jet nozzles at low Reynolds numbers, 10244
flight velocity effects on jet noise of several variations of 12-chute suppressor installed on exhaust plug nozzle, 08043
flight Reynolds number effects on contoured boattail nozzle at subsonic speeds, 09494
nozzle drop support for high-clearance sprayer, 05984
three-dimensional supersonic nozzle flow analysis modification and comparison with experimental data, 08722
thrust performance of isolated exhaust plug nozzles with 2 types of 40-spoke noise suppressor, 08044
NRC, *see* National Research Council.
NRL, *see* Naval Research Laboratory.
NSB, *see* National Science Board.
NSC, *see* National Security Council.
NSF, *see* National Science Foundation.
NSSC (neutral sulfite semichemical), *see* Sulfites.
NSSL, *see* National Severe Storms Laboratory.
NTSB, *see* National Transportation Safety Board.
Nu factor, *see* Poisson ratio.
Nuclear batteries, *see* Electric batteries.
Nuclear clocks, *see* Atomic clocks.
Nuclear energy, *see* Atomic energy.
Nuclear Energy Commission:
designate–
hearings, 05067
Nuclear engineering:
nuclear power plant design analysis, 06055
technology of controlled thermonuclear fusion experiments and engineering aspects of fusion reactors, 11309
Nuclear explosions:
Cannikin, physical and biological effects, 06045
experimental, certain results obtained of internal effect in salt deposits, USSR study, 08649
formation of radioactive particles in nuclear explosions, USSR study, 00502
nuclear stimulation of natural gas on public lands–
hearings, 05149
peaceful uses, IAEA panel, 10525
Nuclear fission:
improvements needed in program for protection of special nuclear material, GAO report, 06684
Nuclear fission wastes, *see* Radioactivity.
Nuclear fuel, *see* Reactor fuels.
Nuclear fusion:
CTR [controlled thermonuclear research] engineering systems study review meeting, 06065
fusion power, research and development requirements, 00046
technology of controlled thermonuclear fusion experiments and engineering aspects of fusion, 11309
Nuclear medicine:
bibliography of medical uses of technetium-99m, 1965-71, 04885
bibliography, 04887
effective absorbed energies for radionuclides used in nuclear medicine, 06046
fixed format lexicon for nuclear medicine reports, 11758
health physics in healing arts, Health physics society, topical symposium, 05765
laboratory, general information, 10392
scientific seminars of, Nuclear Medicine Laboratory dedication, 07013
semiconductor detectors in medicine, symposium, 04882
sharing computer programs and technology in nuclear medicine, proceedings of symposium, 06035
status and future manpower needs of physicists in medicine in United States, 07014
thermonuclear fussion in installations with dense plasma, USSR study, 09425
Nuclear Medicine Laboratory:
dedication, scientific seminars, 07013
Nuclear physics:
radiation installations, research in nuclear and elementary particle physics at Tomsk Polytechnical Institute, 05534
Nuclear power, *see* Atomic energy.
Nuclear power plants, *see* Nuclear reactor power plants.
Nuclear process vessels, *see* Process vessels.
Nuclear propulsion, *see* Propulsion.
Nuclear radiation, *see* Radiation.
Nuclear reactions:
controlled fusion in installations with dense plasma, USSR study, 04925
CTR [controlled thermonuclear research] engineering systems study review meeting, fusion power, 06065
examination of oxide-clad reactions in experiment G5 with high burnup, 07209
molecular gas lasers, nuclear pumping, USSR study, 00509
review of research program of Division of Controlled Research, 06064
structure of thermonuclear combustion front in layer of plasma confined by physical walls, USSR study, 07920
Nuclear reactor power plants:
anticipated transients without scram for water-cooled power reactors, technical report, 06063
design analysis, 06055
dissociating gases as coolants and working substances at atomic power plants, USSR study, 03495

Nuclear reactor power plants–Con.
environmental monitoring at major Atomic Energy Commission contractor sites, 06060
environmental survey of transportation of radioactive materials to and from nuclear power plants, 00752
fossil-fueled and nuclear generating plants, economics of use of surface condensers with dry-type cooling systems, 07237
NBS reactor power plants, NBS reactor activities, summary, 09521
new enrichment plant scheduling, 06047
nuclear power reactors, environmental analysis of uranium fuel cycle, 05763
questions and answers about nuclear power plants, 05336
Shippingport Atomic Power Station, assessment of environmental radioactivity in vicinity, 07011
thermal power plant siting in Pacific Northwest, panel discussion, 11213
U.S. nuclear power reactors, operating history, 07241
Nuclear reactors, *see* Reactors (atomic).
Nuclear Safety and Licensing Commission:
establish–
report, 08463
Nuclear science:
abstracts–
analysis of world-wide contributions, 09702
bibliography on nuclear medicine, 04887
indexes, semiannual, 02390, 11311
semimonthly, 02389
title listing of civilian power reactor docket literature, 04889
fiche index for nuclear dockets, 06039-40, 07229-31, 08303-5, 09698
mathematical models and computational techniques for analysis of nuclear systems, proceedings of 1973 conference, 06033
nuclear and other experimental techniques for recovering natural gas in Rocky Mountain area, progress and problems, GAO review, 10936
series, 09701
Nuclear structures:
modernization of nuclear standards, generalized procedures for use of plane strain and elastic plastic fracture mechanics options, 08170
Nuclear tests, *see* Nuclear explosions.
Nuclear warfare, *see* Atomic warfare.
Nuclear weapons, *see* Weapons.
Nucleation, *see* Phase studies.
Nuclides, *see also* Radionuclides.
Nueces River project, Tex.:
construction and operation, authorize–
hearings, 07417
Numerical analysis, *see* Numerical calculations.
Numerical calculations:
algorithm for calculating multiphase chemical equilibrium, 04584
analytical models and calculations, proposed rule making action, radioactive material in light-water-cooled nuclear power reactor effluents, 00754
boundary layer trip protuberances in overexpanded rocket nozzles, procedure for calculation, 11119
calculating overall efficiencies of particulate control devices, technique, 04384
calculation and analysis of aircraft motion, 06898
cost analysis and rate setting manual for animal resource facilities, 08778
computation of uniform and nonuniform flow in prismatic conduits, staff report, 05357
design calculations for a Halon 1301 distribution tube for aircraft cabin fire extinguishing system, 09627
FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial-or-mixed-flow turbomachine, 09500
graphical CSSL, new tool scientific computation using interactive computer graphics, user's guide, 04702
investigation of errors introduced into meteorological calculations through use of hypsometric equation, 03902
mathematical models and computational techniques for analysis of nuclear systems, proceedings of 1973 conference, 06033
numerical analysis of stiffened shells of revolution, 01389
numerical simulation of noise propagation in jet engine ducts, 04623
parallel variable metric optimization algorithm, 06864
photochemical and rate data for 12 gas phase reactions for atmospheric chemistry, 06906
round-off errors in cutting plane algorithms based on revised simplex procedure, 05628
spectral irradiance curve calculations for any type of solar eclipse, 11118
Numerical calculators:
Numerical computations:
Numerical control, *see* Machine tools.
Numerical integration, *see* Integration (mathematics).
Nurse anesthetists:
nurse anesthetists in Veterans Administration hospitals , 11282
Nurse Corps, Navy:
nursing procedures, manual, 01369
Nurseries, *see* Day care of children.
Nurseries (horticulture):
cereal rust nurseries in Caribbean area, 1959-72, 03837
seed and planting stock dealers that sell more common forest and shelterbelt seeds and plants, 05410
see also Forest nurseries.
Nursery schools, *see* Day care of children.
Nursery stock, *see* Nurseries (horticulture).
Nurses and nursing:
clinical electives for nursing students at National Institutes of Health, 08135
comparison of job difficulty ratings made by nurses and medical service corpsmen, 10502
information for registered nurses entering agreement to serve in shortage area, 10101
National Nurse Week, designate–
report, 01002
nurse staffing methodology, review and critique of selected literature, 00447
nurse supply and needs, current nursing statistics in brief, 05441
nursing procedures, manual, 01369
research in nursing, 1969-72 research grants, 00448
school participating in nursing student loan and scholarship programs, 06713
see also Nurse anesthetists.

Nursing, *see* Nurses and nursing.
Nursing homes:
aged and chronically ill, selected characteristics, 08110
aged patients in long-term care facilities, staff manual, 07162
care-type housing, minimum property standards, 06727
extended care facility cases, length of prior hospital stays, analysis, 07030
health insurance for aged, hospital and skilled nursing facility admissions, fiscal year 1972, 11231
inpatient health facilities as reported from 1971 MFI survey, 10278
insured loans to provide fire safety equipment, authorize–
law, 06170
report, 10610
long-term care facilities, social work guide, 08776
nursing homes mortgage insurance, 06729
Nutation:
satellite automatic nutation control system, testing, 11134
Nutrients, *see* Nutrition.
Nutrition:
activities supported by International Development Agency, report, 04538
Child nutrition act, amend–
hearings, 04096, 06359
law, 06151
report, 02999, 03027, 03161, 03189
child nutrition programs, type A topics, 02691
East Asian, foods and nutrition, bibliography, 04663
family fare, guide to good nutrition, 06009
food and nutrition (periodical), 02034
food and nutrition, training extension aides, basic lessons, 03329
food is more than just something to eat, 05937
food price changes, 1973-74, and nutritional status, 05172
for elderly, project information system guide, 10488
health and nutrition examination survey, 1971-72, dietary intake and biochemical findings, 09528
maternal, fetal, and infant nutrition, 1973, consquences of malnutrition–
hearings, 01048
maternal, fetal, and infant nutrition, 1973, governmental responses–
hearings, 00239
maternal, fetal, and infant nutrition, 1973, WIC program oversight–
hearings, 06404
national nutrition policy study–
report and recommendations, 10782-7
national nutrition policy, working paper–
experiences, 09956
guidelines, 09233
nutrition and consumer, 09957-8
food security and availability, selected papers, 09237
nutrition and health, 09959
nutrition and international situation, 09235, 09960
nutrition information and programs, selected papers, 09961
nutrition, health, and development services, 11437
technology, agriculture advances and production, selected papers, 09962
nutrient removal processes treatment recommended to Lake Erie Technical Committee, 07818
nutrition and food availability, 09234
nutrition and human needs–
national survey, hearings, index, 06403
nutrition and elderly–
elderly Americans' nutritional needs, hearings, 09239
feeding the elderly, hearings, 01049
nutrition education, 1973–
hearings, 04245-6
nutrition labels on food, we want you to know, 04422
nutrition program news, 02391
nutritional intervention through supplemental feeding to save the children, 06406
nutritional value of food for families in food distribution program, 08581
older Americans nutrition program–
hearings, 09063
special summer food service program for children, site handbook, 07127
USDA data inventory, 07340
see also Food.
Nutrition and Human Needs, Select Committee on, Senate:
committee print, 01047, 04244, 05172, 06403, 06405-6, 07567, 08504, 09233-7, 09956-62, 10782-8, 11437
extend–
report, 10723
hearings, 00239, 01048-9, 04245-6, 05171, 06402, 06404, 09955
inquiries and investigations, authorization and expenses–
report, 08458
publications list with witness reference, 06405
Nutrition of plants, *see* Plants.
Nuts:
census of agriculture, special reports, 10533
foreign agriculture circulars, 02039
NWC, *see* Naval Weapons Center.
NWL, *see* Naval Weapons Laboratory, Dahlgren, Va
NWS, *see* National Weather Service.
NX borehole jacks, *see* Jacks.
Nylon:
flame spread rate of plexiglas nylon and teflon, effects of pressure, oxygen concentration, and forced convection, 08073
Nyquist frequencies, *see* Frequencies.
Nystagmus:
effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252

O

O'Melia, Richard J.:
nomination, hearings, 09195
Oahe, Lake:
mercury concentrations in fish, 10874
Oak:
estimating fire-caused mortality and injury in oak-hickory forests, 06662
germination analyses of excised embryo cylinders and whole acorns of water oak, 00404
no. 2 common oak lumber, comprehensive defect data bank, 00414
Oak Ridge, Tenn.:
AEC's site, bibliography on radioactive waste management, 04891
model for training disadvantaged, 03551

504-900 O - 75 - 23

Oakland, Calif.:
area wage survey, 01356
Oakridge, Oreg.:
motor carrier accident, 01385
OASDHI, *see* Old age, survivors, and disability insurance.
OASIA, *see* Assistant Secretary for International Affairs Office.
Oaths:
Constitutional oath of office for Federal employees—
hearings, 00139, 09839
Oatka Creek:
flood plain information, 06506
floods, 07703
Oats:
futures—
commitments of traders, 01790
Obesity:
national nutrition policy study, report and recommendations, 10788
Obligations, *see* Contracts.
Obligations (natural), *see* Natural obligations.
Obscene matter:
reform of Federal criminal laws—
hearings, 07545, 08502
Observations:
determination of personal errors in observations of large planets, USSR study, 05510
Doppler satellite observations, basis pole position, 04705, 05735
Obstacles (military science), *see* Military art and science.
Ocala National Forest:
general information, 03400
Occipital lobe, *see* Brain.
Occlusion (dentistry), *see* Teeth.
Occupational classification, *see* Occupations.
Occupational health, *see* Health.
Occupational safety, *see* Safety of life.
Occupational Safety and Health Administration :
all about OSHA, 04708
general industry standards, questions and answers, 04711
occupational safety and health, construction standards and interpretations, 08814, 11713
occupational safety and health, general industry standards and interpretations, 04709-10, 10366
occupational safety and health, maritime standards and interpretations, 05749
occupational safety and health regulations, OSHA series, 01530
occupational safety and health technical notes, 02654
Occupational Safety and Health Review Commission:
appropriations, 1974—
law, 06160
report, 00992, 06322
decisions and orders, 01531
member,nomination of Timothy F. Cleary, hearings, 01039
occupational safety and health act, President's report, 08186
Occupational training, *see* Training.
Occupations:
Adjutant General's Corps, assignments...AG, 04830
administrative and general career fields, task difficulty and task aptitude benchmark scales, 05969
Air Force, graduate medical education, 05979
Air Force, job analysis of medical service career field, 09669
Air Force jobs, don't guess about a career!, 03886
Air Force occupational research project, 07138
airman career information, enlisted personnel, 05976
apprentice training, sure way to skilled craft, 11035
Army, recruiting & career counseling journal, 02532
career area rotation model, Air Force user's manual, 05973
career education program and equal opportunity (remarks), 08966
career education track record to date (address), 07661
career education, implications for minorities, proceedings, 01087
career field profiles, 07092
career opportunities, FBI, 03336
career opportunities, junior Federal assistant, 08960
career profiles in forestry, conservation, ecology, environmental management, 04428
careers for homebound, home study opportunities, 11216
challenge of career education, 07658
comprehensive occupational data analysis programs (CODAP), group membership (GRMBRS/GRPMBR) and automated diagramming (DIAGRM) programs, 02827
electronic career ladder evaluation project, Air Force, aptitude requirements study, 07144
engineering and scientific occupational groups, selected characteristics, 03686
essays on career education, 00576
Federal, occupational groups and series of classes, handbook, 02079, 06112
freedom of choosing career with sense of responsibility (remarks), 08966
health careers in Veterans Administration hospitals, 09654
how to pay for your health career education, guide for minority students, 06710
Job Corps training program, 11037
job grading system for trades and labor occupations, 01983, 02890, 06100-10, 07311
MEDIHC, military experience directed into health careers, conference proceedings, 05443
new careers program handbook, 04573
occupational characteristics, 03939
occupational employment, railroad equipment industry, 11586
occupational injuries and illnesses by industry, July 1-Dec. 31, 1971, 06803
occupations of persons with high earnings, 03940
outlook, quarterly, 02392
Public Health Service programs, world of career opportunities, 10377
similarity of job types reported from two independent analyses of occupational data, 09675
see also Employment.
Ocean:
aerial seismic studies at sea and in open ocean, methodological plan, USSR study, 07935
artificial sea and salt ice, laboratory preparation, 08537
artificial sea slicks, practical applications and role in research, 09577

Ocean–Con.
backscattering from two-scale rough surface with application to radar sea return, 03591
barged ocean disposal of wastes, mathematical model, 10841
BOMEX Period III upper ocean soundings, 04388
collisions at sea, international regulations for preventing, convention, 04157
convention on prevention of marine pollution by dumping of wastes, implement provisions, hearing, 04132
curvature-corrected Kirchoff formulation for radar sea-return from near vertical, 10205
deep seabed hard mineral resources, conservation and orderly development, hearings, 10709
determination of ocean surface descriptors using sea photo analysis techniques, 01500
dissolved-solids discharge to oceans from conterminous United States, 07845
Federal ocean program, annual report of the President to Congress, 01535
fifth ocean, water resources of atmosphere, USSR study, 03496
freight rate guidelines for shippers, 07331
high seas oil port act, report, 09041
high seas storm information service, 08807
high seas, prevention of incidents on and over, agreement with, Union of Soviet Socialist Republics, 05831
international convention for prevention of pollution of sea, implement–
law, 02943
report, 03162
international council for exploration of the sea, protocol to convention, 04156
intervention on high seas in cases of oil pollution casualties, international convention, implement–
hearings, 07477
report, 03205
large screen display in automated oceanic ATC, air traffic control, environment, evaluation, 11256
law of the sea treaty, alternative approaches to provisional application, 10697
law of the sea, translations, 09400, 09404, 09406, 09414, 09417, 09422-3, 10991, 11003, 11014, 11020, 11567
meteorological effects on microwave apparent temperatures looking downward over smooth sea, 03589
multichannel ocean color sensor (MOCS), development and flight test, 03583
national program for continuing environmental monitoring for marine leg of Trans-Alaska pipeline system, 06973
natural electrical field at sea, investigation, USSR study, 08656
non-coherent model for microwave emissions and backscattering from sea surface, 03590
nuclear weapons and other weapons of mass destruction, emplacement on seabed and ocean floor and in subsoil thereof, prohibition, treaty, 03899
ocean dumping and other man-induced changes to ocean ecosystems, Oct. 1972-Dec. 1973, report to Congress, 11184
ocean dumping convention, implementation–
law, 10568
report, 03034, 10734
ocean dumping in New York Bight, environmental assessment, 05295
ocean outfalls and other methods of treated wastewater disposal in southeast Florida, 01180
oceanic air traffic control automation, engineering and development program plan, 09295
Oceans and National Economic Development Conference, proceedings, 05126
optics of ocean and atmosphere, USSR study, 03499
scattering of acoustical signals from sea surface, USSR study, 11009
sea surface energy and temperature analysis, USSR study, 05541
solitary occupancy for unequal probabilities with application to doppler radars for ocean surveillance, 09576
sound and sea, USSR study, 10997
temperature, salinity, and depth system, 08146
thermal energy conversion, research, program solicitation, 09565
toward RADSCAT measurements of winds over sea and their interpretation, 03592
U.S. oceans policy endorsing law of the sea, hearing, 01030
United States marine fishery resources, MARMAP contribution, 11182
United States waters, offshore oil terminal design considerations, 08690
wind roughened sea surface elevation, slope and curvature spectra, 08019
world ocean, cooperation in studies, agreement with Union of Soviet Socialist Republics, 05836
see also Oceanography-Waves.
Ocean bottom:
surface and bottom magnetic survey in area of Bermuda rise, 10358
Ocean currents:
coastal upwelling indices, west coast of North America, 1946-71, 05704
remote measurement of underwater currents using acoustic Doppler techniques, 04681
TICUS 1, MARK 2, operation and maintenance manual, 06971
Ocean floor, *see* Ocean bottom.
Ocean Science and Technology Division:
report availability notice, 08813
Ocean temperature:
Gulf Stream, anomalies, etc., for western North Atlantic, monthly summary, 02322
Oceanariums, *see* Aquariums.
Oceanography:
artificial earth satellites used for measuring waves, USSR study, 11012
BOMEX Period III upper ocean soundings, 04388
Chernomor-2 Soviet-Bulgarian experiment in underwater house, 11011
conservation and development of our Nation's fish and wildlife resources, environmental quality, and oceanography, compilation of Federal laws, 00153
hydroacoustical measurements in oceanology, USSR study, 05540
IDOE, International Decade of Ocean Exploration, July 1972-Apr.1973, progress report, 04353
Marine geophysical survey, station-data listing and report catalog, 10354
national ocean policy study authorization, report, 10731
National Oceanographic Instrumentation Center–
instrument fact sheet index, 09557

Oceanography–Con.
tests in progress sheet (periodical), 02346
ocean exploration, international decade, 04693
Ocean Science and Technology Division, report availability notice, 08813
ocean technology & engineering, weekly Government abstracts, 02777
oceanariums provide aquatic excitement for visitors of all ages, fish-eye view of USA, 08876
oceanographic conditions off Washington coast, RP-6-OC-71 data report, 03668
physical oceanographic and meteorological data from, monitor cruises, EASTROPAC atlas, 01470
processing and theoretical analysis of oceanographic observations, USSR study, 03523
Project Gulf Q, phase III, characterization of maritime cumulus clouds, 08179
retrieval program for archival Nansen-cast data, 07005
Skylab earth resources experiment package experiments in oceanography and marine science, 03667
some Soviet examples of underwater technology, USSR study, 11564
TICUS I, MARK 2, operation and maintenance manual, 06971
transmission of information under water, USSR study, 08648
underwater manipulators, Soviet papers on design, 04542
see also Ocean-Ocean bottom.
Oceanology, *see* Oceanography.
Oceans and National Economic Development Conference:
proceedings, 05126
Odavarka, Morris, *see* Odvarka, Morris.
Odometers:
new anti-tampering odometer law, consumer protection, 08116
Odor:
flammability, odor and offgassing requirements and test procedures for materials in environments that support combustion, 11084
Odors:
drinking water, taste and odor problems in Grand Lake, Ohio, and Wabash River, Ind., preliminary study, 09321
municipal water supplies in Montana and North Dakota, problems of pollution in Yellowstone River, 10388
odorous compounds in diesel engine exhaust, analysis, 00343
odors emitted from raw and digested sewage sludge, 07767
Odvarka, Morris:
relief, 02926, 04164
OEO, *see* Economic Opportunity Office.
Office employees:
employee-attitude and office environment analyses for development of human and architectural requirements, 09985
employment opportunities for office assistant and related positions, 06107
see also Clerks.
Office furniture and equipment:
disposition of office equipment and furnishings, Members of Congress by purchase, authorize, report, 03056
Federal item identification guide, 06436
office devices and accessories, Federal item identification guide, 03286
office machines, Federal item identification guide, 03285
State office furniture, factors influencing selection, 06666
typewriters and office machines, Federal item identification guide, 05216
Office management:
managing correspondence, plain letters, 08752
Office of Aviation Medicine, *see* Aviation Medicine Office.
Office of Revenue Sharing, *see* Revenue Sharing Office.
Office practice:
State instructional materials, list, office occupations, 01099
Office supplies:
office and machine paper products, Federal item identification guide, 05257
office folders, holders, and accessories, Federal item identification guide, 05256
Officer candidate schools:
effect of all-volunteer force on input into school of military sciences, officer training program, 09666
Officers, *see* Armed Forces–Command (military).
Offices:
employee-attitude and office environment analyses for development of human and architectural requirements, 09985
Officials, *see* Government officials and employees.
Offset printing:
metal decorating and web offset processes, emissions and control technologies, 03883
OH-(nos.), *see* Helicopters.
Ohio:
census of population, characteristics of population, 04910
census portrait, 08923
climatological data, 01752
drainage guide for public and private engineers, etc., 00643
electric rate book, 04411
local rail service zone, Secretary of Transportation report, 04756
precipitation data, hourly, 02123
quality of interstate waters, report, 11740
registry of minority contractors and housing professionals, listing in selected cities, 00454
Ohio River and Valley:
floods, 11468
Ohio River summary and forecasts, 02398
Ohio River Basin Commission:
annual report, 09024
Ohio State University, *see* Center for Vocational and Technical Education, Ohio State University.
Oil, see Oils and fats-Petroleum.
Oil and Gas Office:
press releases, 02483
Oil fields, *see* Petroleum.
Oil films:
elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
Oil pipe lines, *see* Pipe lines.
Oil pollution of rivers, harbors, etc., *see* Oil spills.
Oil refineries, *see* Petroleum refineries.
Oil sand, *see* Sandstone.
Oil shale:
broken oil shale during retorting, permeability changes and compaction, 08004

Oil shale—Con.
compositional variations of organic material from Green River oil shale, 07992
development by development corporations for energy supply, hearing, 00226
Eocene rocks and oil yields of Green River oil shales on part of Kinney Rim, Washakie Basin, Wyo., geology, 03561
final environmental statement for prototype oil-shale leasing program, 01310-3
four newly named tongues of Eocene Green River formation, northern Piceance Creek basin, Colo., 05424
fracturing oil shale with explosives for in situ oil recovery, 11065
in situ retorting, results of 2 field experiments, 03564
industry in western Colorado, economic impact of leasing public lands for development, hearings, 07525
prototype oil shale leasing program, 09221
regional impacts of oil-shale development, 01310
research and development, information, hearings, 05071
resources, States may use for purposes other than public roads and schools, report, 10740
second-order effects in kinetics of oil shale, 11071
specific impacts of prototype oil-shale development, 01312
technical, environmental, economic, legislative, and policy aspects of undeveloped energy source, 08439
underground formations, radioactive tracer pulse method of evaluating fracturing, 05598
Oil spills:
aerial detection of spill sources, 06575
aerial spill prevention surveillance during suboptimum weather, 10831
chemical treatment, 09317
chemicals and other materials used to treat oil on water, 10879
fabric boom concept for containment and collection of floating oil, 06569
international compensation fund for oil pollution damage, implementation, hearings, 04202
intervention on high seas in cases of oil pollution casualties, international convention, implement—
hearings, 07477
report, 03205, 07377
Long Island Sound, March 21, 1972, environmental effects, 00708
MARAD pollution abatement program, 09453, 11591
multiparameter oil pollution source identification system, 04372
Oil pollution act, amend—
hearings, 07477
law, 02943
report, 03162
oil pollution casualties, international agreement, implement, report, 07377
oil pollution problems in Cook Inlet area, report, 09324
oil recovery system using sorbent material, 07763
petroleum weathering, some pathways, fate, and disposition on marine waters, 06544
prevention program using engineering approach to study of offshore and onshore crude oil petroleum systems, petroleum systems reliability analysis, 09284
prevention using engineering approach, petroleum systems reliability analysis, 07738
waste oil study, 00160
Oil wells, *see* Petroleum.
Oils and fats:
current industrial reports, 01846
determining explosive oil in dynamites using high-pressure liquid chromatography, 01379
fat level and cooking effect on oxygen uptake of freeze-dried cooked ground beef, 04838
fats and oils situation, 01938
fats in food and diet, 05933
foreign agriculture circulars, 02039
glycerol interference in determination of crude fiber, fat, and moisture in intermediate moisture meat products, 04852
U.S. food fat consumption trends, 11454
vegetable oil crushers, summary for 1973, 11328
see also Lubricants.
Ojai, Calif.:
flood plain information, 06508
floods, 06523
Okefenokee National Wildlife Refuge, Ga.:
designate as wilderness area, report, 10631
Oklahoma:
Arkansas River basin compact, agreement with Arkansas, consent of Congress, law, 02955
census portrait, 08924
climatological data, 01753
counties, population estimates, 11330
forest industries, 06675
Grand (Neosho) River investigation for supply and pollution, 10380
Indian civil rights issues in Oklahoma, report of Oklahoma State Advisory Committee, 06106
mineral industry, minerals yearbook chapter, 11617
Panhandle, selected water wells and test holes, records, 01269
precipitation data, hourly, 02124
registry of minority contractors and housing professionals, listing in selected cities, 00455
Oklahoma State Advisory Committee:
Indian civil rights issues in Oklahoma, report, 06106
Old age, *see* Aged.
Old age insurance, *see* Old-age, survivors, disability, and health insurance.
Old age, survivors, and disability insurance:
benefit statistics, monthly, 00636, 02307.
effects of OASDI increase in Mar., 1974, 10419
introducting supplemental security income, 05794
programs, 1971 Advisory Council on Social Security reports, 04772
railraod retirement changes, retirement, survivor, medicare, 00611
social security rulings, 02598
wage-replacement rates under OASDHI retirement provisions, 04733
see also Medicare.
Old-Age and Survivors Insurance and Disability Trust Funds Board of Trustees, *see* Board

see also Medicare.–Con.
of Trustees of Federal Old-Age and Survivors Insurance and Disability Trust Funds.
Old-age, survivors, and disability insurance, *see* Old age, survivors, disability and health insurance.
Older American Month:
declaration of rights and obligations of older Americans, proposals, 10489
Older persons, *see* Aged-Gerontology.
Oleoresins:
comparison of oleoresin composition in declining and healthy loblolly pines, 00409
Oligocene period:
Oligocene stratigraphy southwest of San Andreas fault, Santa Cruz Mountains and Gabilan Range, California Coast Ranges, 05434
Oligochaeta, *see* Annelids.
Olives:
canned riped, standards for grades, 03834
Olympic games:
winter games, Lake Placid as 1980 site, hearings, 11401
Omaha Indians:
reading list, 00469
Omaha, Nebr.:
area wage survey, 01352
Missouri River and Papillion Creek, water quality and waste source investigations, report, 11492
pollution in Missouri River as aggravated by garbage dumping, investigation, 11730
Ombudsmen:
use of organization ombudsman in Federal Aviation Administration Western Region, test program, 10474
Omega navigational system, *see* Navigation.
Omniranges:
improved DVOR low level receiver maintenance simulation, final report, task 2, 10454
On-the-job training, *see* Employee training.
Oncology:
develop means to achieve accurate assessment of risk of developing cancer in individuals and in population groups and presence, extent, and probable course of existing cancer, national cancer program, 06926
prevent transformation of normal cells to cells capable of forming cancers, national cancer program, 04643
One Hundred and Two River:
flood plain information, 07692
One-cent piece, *see* Cent.
Onion Creek:
flood plain information, 07693
Onions:
stock, 10450
ONR, *see* Naval Research Office.
Onslow County, N.C.:
providing for conveyance of certain mineral rights in and under lands in Onslow County, N.C.–
law, 04027
OPEC, *see* Organization of Petroleum Exporting Countries.
Open dating:
regulation, 1973, model State, as adopted by National Conference on Weights and Measures, 00559
Openers, *see* Can openers.
Operation Breakthrough:
feedback, compendium of building concepts, 11548
Kalamazoo, Mich., 03431
Macon, Ga., 03432
site planner's report–
Jersey City, N.J., 10970
Memphis, Tenn., 10971
Saint Louis, Mo., 10972
Operations Committee, Senate:
hearings, 04206
Operations research, *see* Administrative management.
Ophthalmic finisher-dispensers:
national apprenticeship standards, 04820
Ophthalmic products, *see* Spectacles.
OPIC, *see* Overseas Private Investment Corporation.
Opium:
disposal from national stockpile–
hearings, 06277
law, 10562
report, 09028
Oppenheimer, J. Robert:
papers in Library of Congress, 11032
Optical analyzers:
optical analysis of compound quasi-microscope for planetary landers, 10237
Optical emission, *see* Emission.
Optical equipment, *see* Optical instruments and apparatus.
Optical instruments and apparatus:
designing of large mirror radiotelescopes, problems, USSR study, 00497
laser induced damage in optical materials, 06912
optical and photoelectric devices, USSR study, 07919
optical instruments, Federal item identification guide, 05245
opticians instruments, equipment, and supplies, Federal item identification guides, 01073
optimized video output from wide angle optical probe/television camera, 10501
opto-electronic instruments for spacecraft, USSR study, 00504-5
underwater optical detection systems utilizing photoluminescent targets, analysis, 02857
Optical measurements:
static temperature and hydroxyl radical profiles in hydrogen-fueled supersonic combustor, 08746, 09490
Optical observations:
distant artificial space objects, USSR study, 06781
Optical radiation, *see* Radiation.
Optical reflectivity, *see* Reflectivity.
Optical supplies, *see* Optical instruments and apparatus.
Optics:
optics of ocean and atmosphere, USSR study, 03499
precision measurement and calibration, image optics, 08099
see also Electrooptics–Hydrooptics.
Optimal control:
approach to predictive pilot model for STOL aircraft landing, 09481
Optimal processes:
inclusion of known integrals in optimal trajectory problem, 08078
mathematical methods of optimal planning development and use of energy systems, USSR study, 01347
rapid iterative reanalysis for automated design, 03605

Optimization:
airfoil design assessment by numerical optimization, 11658
effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle, 06855
methods for improvement of trickling filter plant performance, mechanical and biological optima, 01165
optimization of probe excitation for 2-probe measurement of refractive-index structure function constant of atmosphere, 04698
optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
optimized video output from wide angle optical probe/television camera, 10501
optimizing design of liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, 08021
parallel variable metric optimization algorithm, 06864
radar rainfall pattern optimizing technique, 11692
Optometrists:
entering agreement to practice in shortage area to repay educational loans, 07872
services covered by health insurance for Federal employees, hearings, 00942
Oral diseases, *see* Mouth.
Oral health, *see* Mouth.
Orange County, Calif.:
sewage treatment facilities, investigations, 10007
Orange County, Fla.:
flood plain information, 06505
Orange juice:
frozen concentrated, futures trading and open contracts, 02055
frozen concentrated, futures, commitments of traders, 01789
Orange, Tex.:
area wage survey, 01357
Oranges:
Florida oranges fresh and processed, prices, costs and margins, 08535
Orbits:
ballistic mode Mercury orbiter mission opportunity handbook extension, 08711
effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle transfer orbit, 06855
new orbital elements for moon and planets, 04700
orbital mechanics of flight mechanics, 06849
pole position based on Doppler satellite observations, 04705, 05735
Salyut space station in orbit, USSR study, 08664
subpoint prediction for direct readout meteorological satellites, 05703
time-fixed rendezvous by impulse factoring with intermediate timing constraint, 11669
Ordovician period:
lithostratigraphy and depositional environments of Lexington limestone (Ordovician) of central Kentucky, 08616, 10089
Ore flotation, *see* Flotation.
Oregon:
census of transportation, 1972, truck inventory and use survey, 04914
census portrait, 08925
climatological data, 01754
electric rate book, 11511
flood profiles in Umpqua River basin, Oreg., 10944
natural regeneration of lodgepole pine in south-central Oregon, 05403
natural vegetation of Oregon and Washington, 03397
precipitation data, hourly, 02125
registry of minority contractors and housing professionals, listing in selected cities, 00457
snow survey measurements, summary, 08844
water supply outlook and snow surveys, 02748, 03753
Oregon Islands National Wildlife Refuge:
addition to National Wilderness Preservation System, proposal, 06221
Oregon Trail:
historic sites, historic resource study, 01489
Ores:
geometric method for prediction of stresses in orebodies, 09471
mineral riches of Pacific Ocean ore zone, USSR study, 05543
Organ Pipe Cactus National Monument:
general information, 10333
soil survey report, 03751
Organic acids:
development of instrumentation for measurement of stationary source, 05324
Organic chemistry:
chemistry of organomercurials in aquatic systems, 06543
high-temperature contact nucleation of supercooled water by organic chemicals, with appendix of compounds tested, 08178
Organic compounds:
cyclic intermediates, production and sales, 10465
odorous compounds in diesel engine exhaust, analysis, 00343
organic nutrient factors effecting algal growths, 00326
organic substances in water (series), 01282
synthetic organic chemicals–
production, preliminary report, 02448
United States production and sales series, 00702, 03796-7, 05873-5, 09631-8, 10465, 11794
Organic matter:
compositional variations of organic material from Green River oil shale, 07992
fractionation and characterization of natural organic matter from certain rivers and soils by free-flow electrophoresis, 01292
methods for organics sampling of surface waters, field evaluation, 10386
organics sampler for water, low flow rate carbon adsorption method, model LF-2, specifications, 07817
semi-automatic extraction of organic materials from water, 10387
workshop on sample preparation techniques for organic pollutant analysis, 07784
Organic wastes, *see* Waste products.
Organisms:
antidotes and their mechanisms of action in organism, USSR study, 08651
chronic effects of mercury on organisms, 10151
device for separation of bio-electrical signals during effect of high-frequency electric currents on organism, USSR study, 03492

Organization:
economics, organization, and planning of ship electrical installation production, USSR study, 11561
implications for organizational development, agency work contexts study, 08841
majority whip organization, history and operation print as House document, report, 02973
majority whip organization, history and operation, 00116
radio-frequency and microwave electromagnetic fields effect on enzyme-substrate reaction in aqueous solutions and organic solvents, USSR study, 09409
southwest cattle ranches, organization, costs, and returns, 08276
see also Planning.
Organization charts:
Air Staff, Department, Air Force, 01625
Army Department, 02082
Federal executive departments and agencies, 06392, 09215
Organization of African Unity:
extend certain privileges and immunities to Organization of African Unity—
law, 04015
report, 03215
Organization of American States:
Council Members, extend certain privileges, law, 06150
diplomatic privileges to permanent observers to Organization of American States, hearings, 06294
Organization of Government for Conduct of Foreign Policy Commission:
appropriations, 1974, report, 06229
appropriations, 1975, hearings, 10679
Organization of Petroleum Exporting Countries:
oil negotiations and stability of supply—hearings, 05601
oil price increases, implications for importing countries, etc., 07523
Organizational analysis, *see* Job analysis.
Organizations:
contributions to which are deductible for income tax purposes, list, supplements, 01832
directories, public management organizations, 06796
national organizations concerned with disaster preparedness research and discovery, directory, 08623
Office of Minority Business Enterprise, funded organizations, 00083
professional standards review organizations, background material, 09203
see also Non-profit organizations.
Organized crime, *see* Crime and criminals.
Organomercurials:
chemistry in aquatic systems, 06543
Organophosphorus compounds:
phosphorus in Lake Michigan and Green Bay, 05814
Oriental art, *see* Art.
Ornamental plants, *see* Plants.
Orofino Creek:
floods in Orofino, Idaho, Orofino Creek and Whiskey Creek, 00306
Orofino, Idaho:
floods in Orofino, Idaho, Orofino Creek and Whiskey Creek, 00306
Orthodontics:
occlusion of teeth of children, 6-11 years, U.S. assessment, 09529
Ortiz-Alvarez, Octavio:
motor carrier accident investigation, report, 09476
Orthotists:
orthotic and prosthetic technicians, national apprenticeship and training standards, 03898
Orthotropic cylinders, *see* Cylinders.
Osborne Truck Line, Inc.:
motor carrier accident investigation report, 09477
Osceola County, Fla.:
flood plain information, 06505
floods, 06519
Oscillations:
stability and oscillation of elastic systems, 03619
velocity lag of solid particles in oscillating gases and in gases passing through normal shock waves, 09503
Oscillators:
fludic, use to measure fuel-air ratios of combustion gases, 11109
proton-radiation damage in Gunn oscillators, 03604
OSHA, *see* Occupational Safety and Health Administration .
Osmosis:
applications to acid mine drainage treatment, 07768, 09283
reverse osmosis bibliography, abstracted and indexed, 01078
Ostracodes:
Lower Devonian formations in Alaska and Yukon Territory, 04478
OT, *see* Telecommunications Office.
Ottaviano-Greco, Giuseppe, *see* Greco, Guiseppe.
Ottawa National Forest:
retracement and evidence of public land surveys, 07836
Ottina, John R.:
nomination, hearings, 01041
Ouachita Mountains:
polymorphic site index curves for shortleaf pine, 00419
Ouachita Parish, La.:
soil survey report, 09615
Outdoor recreation, *see* Recreation.
Outdoor Recreation Bureau:
administrative and legislative directives, 11212
focal point for outdoor America, 10367
press releases, 02484
working for Bureau of Outdoor Recreation, 03698
Outer Continental Shelf land act, *see* Continental Shelf.
Outer planet missions, *see* Space missions.
Outer space:
aerospace companies, backlog of orders, current industrial reports, 01847
aerospace human factors engineering, USSR study, 01330
aerospace safety (periodical), 01607
battery of performance tests for prediction of aerospace ground equipment course grades, validation, 07143
collaboration in space conquest, USSR study, 07913
control in space, USSR study, 00500
geophysics and space data bulletin, 02062
improving our environment, research from outer space, 04599
NASA-industry-university aerospace awareness program guidelines, 00555

Outer space—Con.
parametric thermodynamic analysis of closed-cycle gas-laser operation in space, 11142
problems of heat transfer in space, 00554
scientific and technical aerospace reports, 02571
scientific and technical aerospace reports, semiannual index, 02570
Skylab experiments—
astronomy and space physics, information for teachers, 04613
living and working in space, information for teachers, 04614
Soviet bloc research (periodical), 02603
space applications program—
appendices, 11082
review, 11161
space disposal of radioactive nuclear waste, 10216
space geodesy, status and prospects of development, USSR study, 11569
space research program, agreement with Australia, 05847
space research, NBS materials science and manufacturing, 08095
space simulation, conference proceedings, 04617
triangulation of multistation camera data to locate curved line in space, 11131
Outgassing:
outgassing data for spacecraft materials, compilation, 01407
Outlet works, *see* Reservoirs.
Outlying possessions:
tax guide for U.S. citizens employed in U.S. possessions, 07897
U.S. trade, monthly report, 02696
Outpatient services, *see* Hospitals-Mental institutions.
Output, *see* Production.
Oven coke, *see* Coke.
Ovens:
Federal item identification guide, 03279
Federal recordkeeping requirements for microwave oven dealers and distributors, 05386
Oversea service:
dependents traveling to overseas areas, information, 00742
overseas dependent school system, benefits for teachers, 09110
tax information for Government civilian employees stationed abroad, 03459
Overseas National Airways, Inc.:
accident report, 08160
Overseas Private Investment Corporation:
appropriations, 1974—
law, 06194
report, 05035, 09141, 09756, 09758
critical analysis, 00132
financial statements, 1973, GAO examination, 07372
foreign assistance appropriations, 1974—
hearings, 04084
investigation of operations, hearings, 09072
investment insurance programs and United States foreign policy—
hearings, 06384
legislative status—
hearings, 07401
obligations under Foreign assistance act, 06793
operations, oversight—
report, 11422
report of activities, etc., 03247
subcommittee print, 04101
telephone directory, 07051, 08854
Ovid, Colo.:
Great Western Sugar Mill, waste discharge effects on water quality conditions in South Platte River, 11489
Owens, Hugh F.:
nomination—
hearings, 04193
Ownership, *see* Property.
Oxidation:
air flotation, biological oxidation of synthetic rubber and latex wastewater, 06564
air pollution engineering source evaluation of ammonia oxidation plant, 09986
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
catalytic oxidation of sulfur dioxide using isotopic tracers, 10834
comparison of isothermal and cyclic oxidation behavior of 25 commercial sheet alloys, 10249
dynamic oxidation of gas turbine superalloys, effect of cyclic conditions, 10248
enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms, 11137
extraction of molybdenum and rhenium from concentrates by electrooxidation, 03570
fretting of nickel-chromium-aluminum alloys at high temperature oxidation, 09508
high-velocity-oxidation performance of coating on nickel alloys, 09505
hydrogen, catalytic activity of rare-earth oxides, 05601
isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base alloys, 06888
laboratory ozone organic oxidation of municipal wastewaters, 07765
of cement copper by flash roasting, 01378
oxygenates in automotive exhausts, effect of an oxidation catalyst, 08000
Oxides:
catalytic activity of rare-earth oxides for oxidation of hydrogen, 05601
examination of oxide-clad reactions in experiment G5 with high burn-up, 07209
reactions between fuel (U,Pu)O2 and sodium, 07211
Oxon Hill Children's Farm:
farm animals, art activity book, 01494
Oxygen:
activated sludge treatment systems with oxygen, 07764
ASRDI oxygen technology survey—
characteristics of metals that influence system safety, 09486
cleaning requirements, procedures, and verification techniques, 08716
low temperature measurement, 11095
comparison of various reagents proposed for use in Winkler procedure, 10384
concentration, effects on flame spread rate of plexiglas, nylon and teflon, 08073
corrosion of oxygen-doped tantalum by lithium, 08042
dissolved concentration, effect of pump and pipe systems, preliminary report, 10382
effects of salinity and temperature on commercial shrimp, Penaeus aztecus ives, study, 09990
enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms, 11137

Oxygen–Con.
Hays dissolved oxygen analyzer, field performance evaluation, 10381
hypolimnion aeration with commercial oyxgen, bubble plume gas transfer, 09996
increased partial pressure of oxygen on sympatho-adrenal and acetylcholine systems, effects, USSR study, 05535
oxygen uptake of freeze-dried cooked ground beef, effect of cooking and fat level, 04838
predicted effects of proposed navigation improvements on residence time and dissolved oxygen of salt wedge in Duwamish River estuary, King County, Wash, 01261
rich environments, burning of solids in normal and reduced gravity, 10228
structural changes in speech uttered in helium-oxygen medium, USSR study, 03510
two-phase liquid pumping, experimental investigation, 06884
Oxygen masks:
facial hair in oxygen masks, effects, 08176
Oxygenates:
in automotive exhausts, effect of oxidation catalyst, 08000
Oyster planters. *see* Oysters culturists.
Oysters culturists:
settlement of damage claims to oyster beds due to Federal actions–
hearings, 05182
Ozarks Regional Commission:
annual report, 09024
press releases, 02485
Ozone:
coronal ozone production by high voltage power transmission lines, determination, 04362, 07750
earth's ozone shield, USSR study, 05536
in water and waste water treatment, bibliography, 10133
laboratory ozonation of municipal wastewaters, 07765
two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977

P

P & D Manufacturing Co.:
internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters,former workers of P & D Manufacturing Co., Tariff Commission report, 07073
Pa Mong project:
key to development of lower Mekong, data summary, 10394
stage 1, phase 2, executive summary, 10394
Pacheco Creek:
flood plain information, San Benito County, Calif, 01119
floods, San Benito County, Calif., 01130
Pacific area:
East Asian and Pacific series, 07044
Pacific chart supplement, U.S. Government flight information publication, 02717
quality of surface waters, 04485
trade in Asian Pacific area and US economy (remarks), 07322
Pacific Coast:
coastal upwelling indices, west coast of North America, 1946-71, 05704
environmental conditions within specified geographical regions offshore, 00322
light list, 04962
North America and Asia, tidal current tables, 01475
west coast Continental Shelf bottom gravity measurements, Cape Flattery to Santa Cruz, 10316
Pacific Gas and Electric Company:
fiche index for nuclear dockets, Diablo Canyon Nuclear Power Plant, units 1 and 2, 08303
Pacific Islands:
light list, 04962
possessions, mineral industry, minerals yearbook chapter, 07983
Pacific Islands Trust Territory, *see* Trust Territory of Pacific Islands.
Pacific Northwest Environmental Research Laboratory:
publications and reports, list, 11486
quarterly progress report, 02415
Pacific Northwest Forest and Range Experiment Station:
publications, list, 02248, 04427
Pacific Northwest River Basin Commission:
annual report, 09024
Pacific Ocean:
central and western tide tables, 00588
crown-of-thorns starfish (Acanthaster planci)–
investigations, 1970-71 in southeastern Polynesia, 08834
population levels, 1969-72, in Mariana and Caroline Islands, 08834
mineral riches of Pacific Ocean ore zone, USSR study, 05543
quantitative marine geomorphology of East Pacific rise, 06976
Southeastern, RP-1-OC-70 southeast Pacific geophysical survey, 00591
Southwest Pacific and Australian area tropical cyclone vector mean charts, 07007
STD observations in northeast Pacific, Sept.-Oct. 1972, 00592
Pacific salmon, *see* Salmon.
Pacific slope basins, *see* Pacific States.
Pacific Southwest Forest and Range Experiment Station:
list of available publications, 02249
publications, 10068
Pacific States:
national airport system plan, 1972, Pacific region, 04401
Pacific slope basins–
low-flow characteristics of streams, 04471
surface water data, 07865
quality of surface waters, 04485
Pack River and Valley:
special flood hazard information, 07708
Packages:
quantities, instant nonfat milk, voluntary product standard, 06924
shipping and storage containers, Federal item identification guide, 07627, 09253
Packaging:
converted flexible packaging products, current industrial reports, 00061, 01847
cornmeal, evaluation of paper, cotton, and polyethylene-film bags, 00012
flexibly packaged cakes, development, 04846
packaging, handling, and transportation for aeronautical and space systems, equipment and associated components, requirements, 01415
packagings for transportation of radioactive materials, directory, 06066
see also Packing.

Packers:
packers and stockyards resume, 02419
Packing:
hexagonal wrappers and Rapsodie clads, mechanical properties, steel swelling, 07210
preservation, packaging, and packing of military supplies and equipment, DSA manual, 06418, 07594
theoretical and experimental studies on packing of solid particles, 08694
Packing (mechanical engineering):
deformation of fuel subassemblies hexagonal wrappers due to stainless steel swelling, 07205
Packing industry:
consumer protection would be increased by improving administration of intrastate meat plant inspection programs, GAO report, 06677
improving shell egg packing plants, 08880
Packs:
flatpack soldering to solder-leveled printed wiring boards, 07220
Pads:
covers and pads, individual equipment, Federal item identification guide, 03275
Federal item identification guide, 06447
hospital, Federal item identification guide, 01067
soil stabilization investigation for 155 mm towed howitzer firing pads, 00299
Pagan:
synoptic meteorological observations, 11711
Page, Ariz.:
incorporation as municipality, facilitate—hearings, 07416
Pails:
steel shipping, current industrial reports, 01846, 04923
Paint:
current industrial reports, 01846
glass-balloon-filled black paint, effects of particle size on optical properties and surface roughness, 11138
Lead-based paint poisoning prevention act—amend, law, 04008
amend, report, 04048, 04055
paint and inorganic pigments industries, waterborne wastes, 10846
paints, dopes, varnishes, and related products, Federal item identification guide, 00269
pre-test of survey plan for estimating incidence of lead based paint, report, 08096
toxic elements in dry paint matrices, analytical methods for detection, literature survey, 06907
watch out for lead paint poisoning, 11556
Paint removers, *see* Removers (paint and varnish).
Painting:
HUD-assisted housing maintenance guide on painting, 06716
Paintings:
Marguerite Zorach, early years, 1908-20, 05655
national lending service, 08769
Paints, *see* Paint.
Paiute Indians:
land allotments from Hopi and Navajo Indians—hearings, 08398, 10660
Pajamas:
Federal item identification guide, 04309
sleepwear worn by children under age of 3, fire accidents, 08103
Pakistan:
accessions list, Library of Congress American Libraries Book Procurement Centers, Karachi and Dacca, 01601, 03543
agricultural commodities, agreement, 00682, 05848, 05852-3
background notes, 03766
disaster relief assistance—appropriation, authorization, hearings, 06293
distribution, thickness and lithology of Paleocene rocks, 00436
economic trends and their implications for United States, 03475
emergency disaster assistance—hearings, 06365
establishing business in, 05269
geological investigations in Pakistan, 00436
map, 03959
trade in cotton textile, agreement, 05834
Palacay, Gavina A.:
relief, 00883
Palegeography:
southwest of San Andreas fault, Santa Cruz Mountains and Gabilan Range, California Coast Ranges, 05434
Paleocene period:
distribution, thickness, and lithology of Paleocene rocks, 00436
Paleontology:
contributions to paleontology (series), 04474
Rabbit Hill Limestone and Lone Mountain Dolomite of Central Nevada, 04475
Paleozoic era:
early Paleozoic brachiopods of Moose River synclinorium, Maine, 01265
Palisades Plant:
aerial radiological measuring system, 06028
Palladium:
investigation of mutual diffusion, USSR study, 03508
Pallets (materials handling):
failure analysis of helicopter external cargo-handling systems, 00040
Pallo, Imre:
relief, 00974
Palm Beach County, Fla.:
eastern, water resources, 04459
water-resources investigations, progress report, 01267
Palmer, Mass.:
flood plain information, 07687
Palsy:
cerebral, infancy and childhood, collaborative study, bibliography, 06961
Pamphlets:
specifications for microfilming in Library of Congress, 01366
Panama:
beef cattle industry, 03385
Canal Company, annual report, 06069
economic trends and their implications for United States, 06748
market profiles, 00289
U.S. policy toward Panama, 1903-present, questions of recognition and diplomatic relations and instances of intervention, 11251
Panama Canal:
appropriations, 1975—report, 10674
Panama Canal spillway, 02420
review (periodical), 04903, 11314
review (periodical), Spanish edition, 03931
shipping and canal operations—hearings, 07436

Panama Canal Company:
financial statements 1973, GAO examination, 08604, 09341, 09748
Panama Canal spillway, 02420
Panel on Youth:
report, President's Science Advisory Committee, 04729
Panels and paneling:
aluminum panels reinforced with boron-epoxy, holographic and ultrasonic detection of bond flaws, 11665
determination of vibration characteristics of corrugated, flexibly supported, heat-shield panels, 10245
elastic buckling analysis for composite stiffened panels and other structures subjected to biaxial inplane loads, 00540
flutter of elastically supported orthotropic panels including effects of flow angle, 11125
prefinished hardboard paneling, 10273
steel faced sandwich panels, structural evaluation, 11677
Pantograph:
positioning system for inspecting microcircuits, 02847
Papago Indians:
reading list, 00470
Paper:
and paperboard, Federal item identification guide, 05215
atmospheric emissions from pulp and paper manufacturing industry, 06537
caps, development of procedure for measuring their noise, 01426
current industrial reports, 01846, 03945
Federal standards, cancellation, 05373
Government specification standards, 02065
industry report, 02513
newsprint supply, analysis of current conditions, 06465
office and machine paper products, Federal item identification guide, 05257
paper and paperboard, Federal item identification guide, 07602
paper, cotton, and polyethylene-film bags for packaging cornmeal, evaluation, 00012
Paper mills:
domestic wastewater and NSSC pulp and paper mill wastes, treatment, 09282
wastes, pollutional effects in Puget Sound, 10057
Paper pulp, *see* Pulp.
Paper-making machinery:
and parts from Sweden, Tariff Commission report, 03791
Paperboard:
current industrial reports, 01846
industry report, 02513
paper and paperboard, Federal item identification guide , 07602
Papers, *see* Records.
Paperwork (office practice):
Federal paperwork burden for small business, Federal statistical agencies—
hearings, 07575
report, 11431
Federal paperwork burden, small securities broker-dealers requirements—
hearings, 01053
records management handbook, 08750-2
small store and service trade, recordkeeping system, bibliography, 08832
Papillion Creek:
and tributaries, Nebraska, outlet works for site 16, hydraulic model investigation, 06534
water quality and waste source investigations, report, 11492
Par value modification act, *see* Dollars.
Paraboloids:
position of satellite with respect to magnetosphere of earth, 05737
Parachute Creek:
Piceance Creek basin, Colo., revision of nomenclature, 08610
Parachute jumping, *see* Parachuting.
Parachutes:
parachute lofts, Federal aviation regulations, 01946, 10018
postflight simulation of parachute deployment dynamics of Viking qualification flight tests, 01409
Parachuting:
parachute jumping, Federal aviation regulations, 01947, 10015
Paraffins:
alkane hydrocarbons, C-1 through C-10, in ideal gas state from 0 to 1500 K, chemical thermodynamic properties of hydrocarbons and related substances, 10180
elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
Paraguay:
extradition treaty, 00188
extradition treaty, message from the President, 00184
Foreign Broadcast Information Service (FBIS), monitoring premises and installations, agreement, 03776
Parallel plate detectors:
low-frequency propagation in composite region of wedge and 2 parallel plates, 10357
Parameters:
design parameters of avionics subsystems, predicting maintenance task difficulty and personnel skill requirements based on, 02823
determination of criterical nondimensional parameters in aircraft dynamic response to random input, 08033
energetics of water binding in dehydrated foods at very low moisture levels in relation to quality parameters, 04833
estimating parameters of normal distribution and its application to armor penetration problem, use to maximum likelihood method under quantal responses, 05742
forming parameter effects, 07026
geometrical and flow parameters, effect on high-effectiveness region of film cooling, 10253
lateral static and dynamic aerodynamic parameters of Kestrel aircraft (XV-6A) extracted from flight data, 10238
multiparameter oil pollution source identification system, 04372
parameter estimation techniques and applications in aircraft flight testing, symposium, 11666
parameters and dynamics of laser plasma, USSR study, 06773
parametric thermodynamic analysis of closed-cycle gas-laser operation in space, 11142
rehydration and cooking parameters, effect on tenderness of freeze-dried raw pork chops, 04844

Parapsychology:
science or superstition, USSR study, 03528
Parasites:
five new bomolochid copepods parasitic on Indo-Pacific clupeid fishes, 11761
releases of parasites for suppression of pink bollworms in Arizona, 05922
subject headings and treatment, subject catalogue, 00712
Parasiticides, *see* Pesticides.
Parasols:
simulated space environment effects on Skylab parasol material, 10220
Parents:
families with disabled parents under AFDC, 07033
group treatment for parents of handicapped children, 04576
tax information for students and parents, 05479
teenagers, marriages, divorces, parenthood, and mortality, 00566
Paris, American Hospital of, *see* American Hospital of Paris.
Paris, France:
international Paris airshow, LeBourget Field, 09119
Park North Village, Tex.:
equal housing opportunity, this is your prospectus and invitation to bid, 03424
Parker-Davis project:
electrical equipment, lower Colorado region, field review of operation and maintenance, 03723
Parking areas:
parking facilities, vehicle behavior in and around complex sources, 08557
Parkinson's disease, *see* Parkinsonism.
Parkinsonism:
Parkinson's disease & related disorders, citations from literature, 02421
Parks:
amusement parks, vehicle behavior in and around complex sources, 07782
Federal lands available to State and local governments for park developments—hearings, 04210
see also National parks.
Parole:
fair and equitable parole procedures, provide—hearings, 08418
Parole, Federal Board, *see* Federal Board of Parole.
Parolees:
persons under supervision of Federal probation system, census, 07097
Particle accelerators, *see* Accelerators.
Particles:
characterization of particulates and other nonregulated emissions from mobile sources and effects of exhaust emissions control devices on these emissions, 00027
determination of optical absorption coefficient of powdered materials whose particle size distribution and refractive indices are not known, 04826
dynamical problem of particle constrained on moving surface, 01413
effects of sand particles on small, intricate mechanical components, 06022
effects of size on optical properties and surface roughness of glass-balloon-filled black paint, 11138
extended evaluation of a particulate precipitating heat transfer surface, 07680
flux force/condensation scrubbing for fine particulate collection, feasbility, 07751
in wet scrubbing process for SOx control, measurement and characterization, 04366
instrumentation for measurement of particulate emissions from combustion sources, 07742
instrumentation for monitoring specific particulate substances in stationary source emissions, 10832
packing of solid particles, theoretical and experimental studies, 08694
particle size distribution with inertial sizing devices, field measurements, 03321
particle-size distribution of 39 surface-mine spoils in southern West Virginia, 06669
particulate control devices, technique for calculating overall efficiencies, 04384
PILLS II system, explicit calibration, 04365
perfectly elastic particle, approach of 2 bodies separated by, 08180
removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
scattering and attenuation of electromagnetic radiation by atmospheric particles, 08083
velocity lag of solid particles in oscillating gases and in gases passing through normal shock waves, 09503
warm fog modification by electrostatically charged particles, Project Foggy Cloud, 08177
Whatman-41 filters used in air quality sampling networks, 11133
Particulate filters, *see* Filters and filtration.
Partnerships:
good partner policy for Americas (address), 11777
income and losses, tax information, 05485
Parts:
aerospace parts, materials, and processes experience summary to aid in minimizing recurrences of system failures, 11096
materials, and processes experience summary to aid in minimizing recurrences of system failures, 06851
Pasicaran, Virna J.:
relief, 00903, 08996
Pasquotank River and Valley:
flood plain information, 07694
floods, 06513
Passaic River and Valley:
flood problems—hearings, 00162
Passenger cars, *see also* Automobiles.
Passenger traffic:
U.S. and foreign countries, reports, 02146, 03434, 09372
Passengers:
accidents of class I motor carriers of passengers, 06842
Rail passenger service act—amend, hearings, 07470
travel between U.S. and foreign countries, reports, 02146, 03434, 09372
Passports:
fraud, activities of Brotherhood of Eternal Love—hearings, 07540
summary of statistics, 02632
visa requirements of foreign governments, 05857
you and your passport, 11252
Passumpsic River and Valley:
flood hazard analyses, Lyndon, Vt., 00639

Patapsco River and Valley:
distribution of metals in Baltimore Harbor sediments, 10821
Patent and Trademark Office:
designate–
report, 03016
Patent examiners:
manual of procedure, 00604, 02271, 04713, 08184, 11214
Patent Office:
annual report, 08182
change name to Patent and Trademark Office–
hearings, 00150
report, 03016
classification definition series, 07009
official gazette, patents, 02393
official gazette, trademarks, 02394
patents and Patent Office as stimulus to inventions (address), 11715
press releases, 02455
rules of practice, 02562, 04714
trademarks, rules of practice, 04715
Patents:
appeals cases adjudged, 05194
cases, rules of practice, 02562, 04714
classification manual, 02270, 08183
instruction sheet, 03713
Eastern Regional Research Center, 00713, 08275
examining procedure, manual, 00604, 02271, 04713, 08184, 11214
index, 1972–
index to subjects of inventions, 08815
list of patentees, 05754
inquiry and investigation, authorization and expenses–
report, 03142
international treaties and legislation involving American patents and trademarks (address), 10369
interrelationships of patents, antitrust, and trade secrets (address), 11714
official gazette of Patent Office, 02393
patent cooperation treaty and annexed regulations–
report, 00962
patent law revision–
hearings, 07545
patents and Patent Office as stimulus to inventions (address), 11715
rules of the United States Court of Customs and Patent Appeals, 05195
Strasbourg international patent classification agreement–
report, 00963
technology assessment and forecast, early warning report of Office of Technology Assessement and Forecast, 06129
U.S./U.S.S.R. technology transfer–
observations (remarks), 08327
role of industrial property rights protection (remarks), 07335
Paterson, Wash.:
test-observation well near Paterson, Wash., description and preliminary results, 03415
Pathology:
atlas of RF mouse pathology, disease descriptions and incidences, 06056
focal brain pathology as related to stimuli varying in significance, changes in late components of evoked potentials under normal conditions, USSR study, 07922
hospital services for selected chronic disease patients, 07874
human immunoglobulins and their role in infectious pathology, USSR study, 04547
invagination of colon with prolapse through anus in golden Syrian hamster, 04843
Patients:
aged patients in long-term care facilities, staff manual, 07162
Clinical Center, NIH, admission procedures, 04672
education programing, proceedings of workshop, 01285
federal funded community mental health centers, 04669–
outpatient services, 04668
federally funded rural community mental health centers in 1971, 10299
financial planning in ambulatory health programs, announcement, 10102
general characteristics of additions to federally funded community mental health centers, 01457
hospital inpatient treatment units for emotionally disturbed children, 11686
hospital services for selected chronic disease patients, 07874
improve rehabilitation of cancer patients, national cancer program, 04644
inpatient treatment, 04669
Patriotism:
VFW's stamp as proof of patriotism in serving America (remarks), 09648
Patman, Wright, Lake and Dam, *see* Wright Patman Dam and Lake.
Patrolmen, *see* Police.
Pattern recognition:
and polarizations of simulated conformal arrays, 08172
Patterns:
and perspectives in environmental science, 03680
radar rainfall pattern optimizing technique, 11692
stereo antenna patterns from principal plane patterns, 05740
Patton, Pa.:
railroad accident investigation report, 03734
Pavements:
airfield, small aperture testing, evaluation, 07715
airport paving criteria, developments, 10508
Army airfield and heliport rigid and overlay pavement design, 03916
in-pavement lighting fixtures, evaluation of portable photometer to measure light output, 11260
repair of rigid pavements using epoxy resin grouts, mortars and concretes, 03915
rigid airfield pavement systems, forecasting of long-term requirements, 01109
see also Runways (aeronautics).
Paving, *see* Pavements.
Pawtucket, R.I.:
area wage survey, 01358
Pay, *see* Salaries–Wages.
Pay rolls:
employee compensation and payroll hours, department stores, 06809
State and local government, 02610
Pay, allowances, etc.:
Armed Forces, certain retired officers, cost of living increases, provide–
law, 08342
report, 03233

Pay, allowances, etc.–Con.
Armed Forces, special pay bonus structure, expand and revise–
hearings, 07466, 09054
law, 10576
report, 08368, 09035, 09150
flight incentive pay for aviation crewmember duties–
hearings, 06275
report, 10618
indefinite grade retention benefits for positions of employees reduced in grade–
hearings, 08426
licensed vendor listing postal service, uniform allowance program, 03823
medical officers of uniformed services, revise special pay structure–
hearings, 08382, 09054
report, 06350
service and taxable compensation of railroad employees, 1972, statistical tables, 09590
service and taxable compensation, 1971, statistical tables, 00613
sick pay, adjustments to income, tax information, 04505
sickness benefits for railroad employees, 00614
travel expenses for certain crewmembers whose ships are inactivated away from home port–
hearings, 11393
law, 04019
report, 03050, 03228
uniformed services, travel and transportation allowance to certain members in connection with leave, authorize–
hearings, 07389
law, 06176
report, 03239
veterans educational and subsistence payments and eligibility at educational institutions closed due to emergencies continue–
law, 06173
report, 09147
veterans educational assistance allowances, increase–
law, 10585
Payloads:
space shuttle payloads–
candidate missions, hearings, 06353
hearings, 06352
NASA 1973 model, space opportunities, 1973-91, 10213
NASA Oct. 1973 space mission model analysis and economic assessment, 10230
zero-gravity cloud physics laboratory self-contained shuttle payload, 10211
Payments:
farm income supplement, phase out program–
hearings, 00915
fifth entitlement period allocations with prior period adjustments, 11278
fifth payment, entitlement period 4, Revenue Sharing Office, 04758
Indian tribes, Alaskan native villages, allocation listing by county, entitlement period 4, 04760
money payments in perspective (remarks), 03368, 03368
nonconserving crop failures, discontinue payments to farmers because of–
law, 06185
report, 03174
public interest and payments mechanism (remarks), 03369
recipients of public assistance money payments and amounts of such payments, by program. State, and county, 11681
seventh payment, 3d quarter, entitlement period 4, Revenue Sharing Office, 08874
special payment, 1st quarter, entitlement period 4, list, Revenue Sharing Office, 05887
special payments, Oct.19-Nov.19, 1973, entitlement period 4, Revenue Sharing Office, 04761
to financial organizations for credit to accounts of Federal employees and beneficiaries, 07086
user manual for LIFE 1 computer program, 09272
Payrolls, *see* Pay rolls.
PCA, *see* Production credit associations.
PDP, *see* Electronic computers.
Peace:
America can work with others towards man's eternal goal (address), 03759
free agriculture, basis of peace (address), 05939
international trading relations contributing to world peace (address), 07320
Middle East between war and peace, Nov.-Dec.1973, 09929
Middle East, United Nations peacekeeping role–
hearings, 07403
prospects in Middle East, view from Israel, study mission report, 09211
right to peace resolution–
hearings, 10698
shaping durable peace, U.S. foreign policy for 1970's, analysis of President's report, 00133
Peace Corps:
agreement with–
Bahrain, 00693
Brazil, 01575
appropriations, 1975, additional authorization–
law, 10590
report, 10633
appropriations, 1975, authorization–
hearings, 08391
foreign assistance appropriations, 1974–
hearings, 04084
Peaches:
peach industry, interregional competitive model for canned peaches, 07106
Peanuts:
allotment transfer to other farms because of floods, permit–
report, 03012
handling peanuts with bucket elevators, rates of conveying and mechanical damage, 00005
market news, weekly report, 02424
program, proposed changes–
hearings, 06264
stocks and processing, 00699, 02425
Pearl Creek:
flood plain information, vicinity of Jackson, Hinds, Rankin and Madison Counties, Miss., 00302
Pearl River:
flood plain information, 07695
floods, vicinity of Jackson, Miss., 01128
floods, 07704
Peat:
mineral industry surveys, 07967

Pecoraite:
disintegration of Wolf Creek meteorite and formation of pecoraite, nickel analog of clinochrysotile, 10088
Pecos River:
New Mexico, 1957-71, base flow in Acme-Artesia reach, 04460
Pedicels:
adult scabies mites, mouth parts, pedicels & suckers, 07163
Pee Dee Experiment Station:
Florence, S.C. breeding quality cotton, 08273
Pellets:
influence of manganese additions upon properties of iron ore pellets, 06837
PEMAP, *see* President's Environmental Merit Awards Program.
Pembina River:
water resources study, 11757
Penaeus aztecus, *see* Shrimps.
Penal institutions, *see* Prisons and prisoners.
Pencils:
Federal item identification guide, 03291
Penitentiaries, *see* Prisons and prisoners.
Penn Central Transportation Co.:
accident investigation report, 03734
accident investigation summary report, 03731, 08197
employee accident investigation report, 03732, 05779
failure and role of financial institutions, staff report, 06283
railroad accident investigation report, 00627
railroad employee accident investigation report, 07025
Pennies, *see* Cent.
Pennsylvania:
census of agriculture, 1969, area report, summary data, 11316
census of population, 1970, characteristics of population, 03937
coal, Pennsylvania anthracite, mineral industry survey, annual, 01370
electric rate book, 10034
improving environment, progress report, 01557
local rail service zone, Secretary of Transportation report, 04755
precipitation data, hourly, 02126
quality of interstate waters, report, 11740
registry of minority contractors and housing professionals, listing in selected cities, 00452
streams, inventory of suspended sediment stations and type of data analysis, 01258
Pennsylvania anthracites, *see* Coal.
Pennsylvania Avenue Development Corporation:
act, amend–
report, 11429
appropriations, 1974–
law, 02944
report, 03006
supplemental, hearings, 06271
waiving points of order, report, 02968
Penobscot Bay:
upper, pollution of navigable waters, conference proceedings, 10823
Penobscot River and Valley:
and tributaries, pollution of navigable waters, conference proceedings, 10823
Pens:
Federal item identification guide, 03291
Pension Benefit Guaranty Corporation:
establish within Labor Department, 10591
Pensions:
CIA former employees and certain retired officers of Armed Forces, cost-of-living increase–
report, 10607
code of Federal regulations, 03349
contributions, benefits, and beneficiaries under State and local Government retirement systems, 10418
digest of selected pension plans, 11029
Employee benefit security act, tentative draft of bill, 04152
employee pension and welfare benefit plan–
statements of interested organizations and individuals, 09132
strengthen and improve protection and interests of participants, report, 10620
Income security for employees act, summary of Senate bill, 09206
know your pension plan, 03534
law enforcement and firefighting personnel, improve retirement benefits–
report, 02990, 03009
panel discussion on private pension plan reform, self-employed and voluntary employee plans, which Federal agency to enforce, 01028
panel discussion on private pension reform, vesting and funding provisions, termination insurance, portability, and fiduciary standards, 00214
pension benefit levels, methodological analysis, 10416
private pension plan reform–
digest of statements on proposals, 09126-7
summary of proposals, 00215
summary of testimony of proposals, 09129
private pension tax reform–
brief summary, 09861
fiduciary and enforcement, 10592
termination insurance, reporting and disclosure, 10591
report, 07378-9
summary of differences between Senate and House versions of H.R.2, 09735
private retirement plans, coverage and vesting of full-time employees, 04565
railroad retirement changes, retirement, survivor, medicare, 00611
retired officers reappointment to commission after serving in elective or appointed civil office–
hearings, 10689
selected plans under collective bargaining, digest, 01882
tax information on pensions and annuities, 03460
tax treatment of pension plans, individual retirement accounts, limitations on contributions and lump sum distributions, 09130
veterans disability compensation and survivor benefits act of 1974, 11770
veterans' pensions increased, 08212
veterans–
disability and death pensions, increase rates, law, 04024
laws, compilation, 09124
non-service-connected, legislation, hearings, 00946, 07578
wage-replacement rates under OASDHI retirement provisions, 04733
welfare and pension plan legislation–
hearings, 08388

Pensions—Con.
welfare and pension plans, administrative expenses, 09437
Welfare and pension plans disclosure act, amend—
report, 05032
regulations and interpretative bulletins, 04562
see also Civil service pensions-Retirement.
People's Republic of China, *see* China.
Percolators, *see* Coffee makers.
Performance (law):
data-based methodology for specifying construction project durations, 03318, 07682
Performance (psychology):
agency work contexts study, implications for—
administration, 08838
personnel management, 08839-41
aural detection performance over 129 minute simulated sonar watch, 06827
Performance ratings, *see* Efficiency ratings.
Performance tests (engineering, mechanical, etc.):
ascent propulsion system of Apollo spacecraft, performance analysis, 08055
Cannikin, physical and biological effects, 06045
coated columbum and tantalum alloys in plasma arc reentry simulation tests, 11135
comparison of braking performance for 1974 passenger cars and motorcycles, 06942
core turbine rotor blade, incidence loss in two-dimensional cascade, 09493
design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
diffuser bleed effect on performance of annular swirl can combustor, 11108
effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
engineer design tests of modified dust-control materials and prototype equipment, 06531
FORTRAN program for predicting off-design performance of centrifugal compressors, 06890
helicopter cargo handling systems, qualification test methods, 07192
increased leading-edge thickness on performance of transonic rotor blade, effects, 06891
lunar roving vehicle navigation system performance review, 03615
material performance in operating nuclear systems, symposium, 00749
performance of flight-type laminar radiator with Brayton power system, 08738
project Armor obstacle 2, 06529
thrust performance of isolated plug nozzles with 2 types of 40-spoke noise suppressor, 08044
truck noise, acoustic and performance test comparison of initial quieted truck with contemporary production trucks, 07084
ultrasonic therapy equipment, survey of use and performance, 01538
Performance tests (human):
armed services vocational aptitude battery scores from answer sheet and answer and administration, comparability study, 09674
battery of performance tests for prediction of aerospace ground equipment course grades, validation, 07143
identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
monotonous task requiring sustained attention, personality and physiological correlates of performance decrement, 10529
relationship between personality traits and officer performance and retention criteria, 02826
selection and analysis of UPT maneuvers for automated proficiency measurement development, 02822
Perfumes:
perfume materials, production and sales, 09634
Periodicals:
Economic Research Service, list, 07654
Government periodicals and subscription services, price list, 03716, 08818
magazine reprint MR series, 02266
military, Air University Library index, 01626
Statistical Reporting Service, list, 07654
Perkins Creek:
floods on West Fork Des Moines River and Perkins Creek, Windom, Minn., 00311
Perlite:
mineral industry survey, 05587
Permafrost:
Bethel Air Force Station, Alaska, installation of driven test piles, 09269
general information, 04472
Permeability:
changes and compaction of broken oil shale during retorting, 08004
mucous membrane of frontal sinus under influence of microwaves, USSR study, 09407
Perry, Grady:
nomination—
hearing, 05121
Persian Gulf:
new perspectives on arms sales, etc. to Iran, Saudia Arabia, and Kuwait—
hearings, 06297
U.S. interest in and policy toward Persian Gulf, hearings, print additional copies—
report, 03041, 03199
Personal affairs:
health care expenditures by State, public funds, 04732
your personal affairs, Army pamphlet, 02840
Personal characteristics, *see* Personality.
Personal property:
how to buy surplus personal property from Department of Defense, 05261
traffic management regulation for personal property, Defense Dept., 06453
Personality:
air traffic controllers, personality and physiological correlates of performance decrement on monotonous task requiring sustained attention, 10529
factors related to drug abuse in submarine service, characteristic biographical profiles and related data, 10176
relationship between personality traits and officer performance and retention criteria, 02826
Personnel administration, *see* Administrative management.
Personnel management, *see* Administrative management.
Personnel manual, *see* Civil service.
Personnel records:
basic, for Federal agencies, FPM supp., 11334
National Guard Bureau, officer personnel reporting system, 05664
records to be kept by employers under Fair labor standards act, 08265

564-800 O - 75 - 24

Personnel system, *see* Army.
Personnel workers:
agency work contexts study, implication for–
administration, 08838
personnel management, 08839
supervision, 08837
Peru:
Clinid fishes of Peru, with description of Myxodes ornatus of Chile, 09608
economic trends and their implications for United States, 07899
selling in Peru, 00284
Pesticides:
EPA compendium of registered pesticides–
disinfectants, 11717
fungicides and nematicides, 00605, 01919, 10370, 11716
insecticides, acaricides, molluscicides and anti-fouling compounds, 00606, 10371
rodenticides and mammal, bird and fish toxicants, 01921
health aspects, astract bulletin, 02083
legal compilation of statutes and legislative history, executive orders, regulations, guidelines and reports, 03323-4
lower Colorado River, pollution from agricultural areas, 10004
monitoring journal (periodical), 02431
National Conference on Pesticide Containers, proceedings, 06637
pesticide analytical manual, methods for individual pesticide residues, 09326
pesticides and related products, production and sales, Tariff Commission report, 03797
pesticides, actions needed to protect consumer from defective products, GAO report, 10082
Pests:
forest pest conditions in Pacific Northwest, 00394
forest pest control–
report, 11425
forest pest leaflet, 06641-2, 07823
Petersburg National Battlefield:
general information, 08785
Peterson, Russell W.:
nomination–
hearings, 07528
Petrarca, Francesco:
musical settings of his works from Jacopo da Bologna to present, checklist, 10169
Petrochemicals:
energy crisis effects on production for health care system–
hearings, 07556
petropolitics and American energy shortage–
Petrography, report, 04207
see Rocks.
Petroleum:
assessment of supply with varying drilling efforts, 09458
atomic absorption methods of analysis of oilfield brines, barium, calcium, etc., 10197
conflicting information on fuel shortages–
hearings, 06387
correlations of basic gel permeation chromatography data and applications to high-boiling petroleum fractions, 11636
crude oil–
compound-type separation and characterization studies for distillate of Swan Hills, Alberta, Canada, 07993
market demand forecast, monthly, 02432
crude petroleum and petroleum products, minerals yearbook chapter, 10190
crude petroleum production industry wage survey, 06802
crude petroleum, petroleum products, and natural gas liquids–
District 5 petroleum statement, monthly, 01888
monthly statement, 02433
crude products, for chemical conversion, production and sales, 09631
deepwater ports, construction and operation–
report, 05034, 09042
effects of crude oil and some of its components on young coho and sockeye salmon, 07729
Elk Hills Naval Petroleum Reserve, increasing production, 04043
Emergency petroleum allocation act–
law, 04013
report, 03020, 03038
Emergency petroleum allocation act, amend–
hearings, 09937
report, 08374
summary of bill provisions, 08416
energy windfall profits, excess profit tax proposals–
hearings, 06382
Eocene rocks and oil yields of Green River oil shales on part of Kinney Rim, Washakie Basin, Wyo., geology, 03561
error in gas calculations caused by ignoring compressibility and solution effects, 11639
estimation of petroleum exploration success and effects of resource base exhaustion via simulation model, 05418
exploration, recently in USSR, 06764
fabric boom concept for containment and collection of floating oil, 06569
Fair marketing of petroleum products act–
hearings, 00205
fee licenses issued for month, 02012
food embargo as response to present Arab oil boycott, data and analysis, 06234
foreign direct investors in U.S., list of foreign firms with some interest/control in American manufacturing and petroleum companies in U.S., 03466
fracturing oil shale with explosives for in situ oil recovery, 11065
fuel extraction for coal seams intersected by oil wells, 06832
fuel shortage necessitates variances from requirements of Clean air act–
hearings, 08508
glossary of terms relating to petroleum industry, 08484
imports, percentage be carried on U.S.-flag vessels–
hearings, 09920
industries, regulation and deregulation–
hearings, 09198, 09916-7
industry, efficiency of executive agencies with respect to its operations–
hearings, 06389
industry, July 2, 1973, Federal Trade Commission investigation, Treasury Department staff analysis, 05140
international petroleum annual, 10186
issues related to foreign sources of oil for United States, GAO report, 06687
Libya, chronology of oil negotiations, 1970-71, 07497

Petroleum–Con.
major oil companies current energy shortages oversight series–
hearings, 07505, 07507, 08487
mandatory petroleum allocation programs–
evaluation, 10924
oversight, hearings, 08492, 09219
summary, 10024
market performance and competition in industry–
hearings, 07520, 09217
Maryland waste oil recovery and reuse program, 09999
microbial degradation of petroleum in Continental Shelf sediments, 05303
mining and petroleum laws of the world, summary–
Africa, 08692
Europe, 09457
National energy emergency act–
report, 03221
national gas and synthetic fuel development, concentration by competing raw fuel industries in energy market and its impact on small business, investigation report, print additional copies–
report, 09764
offshore drilling at Santa Barbara, prohibit–
hearings, 08402, 09082
offshore oil terminal design considerations for United States waters, 08690
offshore petroleum studies, monograph for estimating hydrocarbon lease bonus bids in Gulf of Mexico, 01373
offshore ports and terminals for oil imports, permits to construct, operate and maintain–
hearings, 04133, 08427-8, 08479-80
report, 06246, 09041
States, options, hearings, 08427
oil and gas development on Continental Shelf–
report, 09921
Oil and gas energy tax act, report, 09040
oil and hazardous substances program series, 00708
oil brokers, responsibility for price increases in present energy shortages–
hearings, 11434
oil company profitability, 05132
oil identification, state of art, 09288
oil import totals, 02399
oil price rollback legislation–
hearings, 09937
oil recovery system using sorbent material, 07763
optimum gas saturation for maximum oil recovery from displacement by water, 11075
Outer Continental Shelf oil and gas general lease sale, offshore Texas, 1974 proposal, 10165
petroleum systems reliability analysis, prevention of oil spills using engineering approach to study of crude oil petroleum system , 07738
petroleum weathering, some pathways, fate, and disposition on marine waters, 06544
potential heating oil shortages–
hearings, 09737
predict oil recovery, use of centrifugal measurements of wettability, 11064
Presidential emergency energy authorities–
proposals, 06305
price increases, Cost of Living Council and Federal Energy Office procedures–
hearings, 08394
producible shut-in oil and gas leases, off-shore investigation, 09035
products, cutoff to U.S. military forces–
hearings, 09931
products, survey series, 05588-9, 10187
profits in oil industry–
hearings, 05133
proposed 1974 Continental Shelf, oil and gas general lease sale, offshore Texas, 11588
protein from petroleum, USSR study, 07931
retail pricing of petroleum products–
hearings, 05122
shortages, economic impact–
hearings, 05004
tax treatment of foreign oil and gas income, possible modifications, 07453
taxation of increased domestic oil and gas profits, alternatives, 07451
toxic fumes from explosives, ammonium nitrate-fuel oil mixtures, 11062
United States oil shortage and Arab-Israeli conflict, report of study mission to Middle East, 06301
water injectivity test, Dos Cuadras Field, Santa Barbara Channel, off California, 10086
world oil developments and U.S. oil import policies, Tariff Commission report, 08254
see also Naval petroleum reserves–Pipelines.
Petroleum as fuel:
bunker oil, foreign trade reports, 02697
competition and antitrust implications in energy industry–
hearings, 07537
current situation in energy crisis (remarks), 03439
diesel and heating oil shortages–
hearings, 05081
diesel fuel oils, 1973, 05588
energy crisis, impact of Canadian policies of export controls–
hearings, 05058
Federal charters for energy corporations, selected materials, 08493
Federal tax treatment of oil and gas, analysis, 05144
fee licenses issued for month, 02012
fuel oils by sulfur content, mineral industry surveys, 02054
fuel shortages, factors contributing to current shortages of natural gas, crude oil residual, 07519
gasoline and fuel oil shortage–
hearings, 00114
limited oil gasification experiment, 00342
mandatory fuels allocation for independent wholesalers and retailers–
hearings, 04118
oil imports require to be carried on United States flag vessels–
hearings, 07439
oil negotiations, OPEC and stability of supply–
hearings, 05061
oil price increase from exporting countries, implications for importing countries, etc., 07523
oversight and efficiency of executive agencies with respect to petroleum industry, especially as it relates to recent fuel shortages, staff study, 04208

Petroleum as fuel–Con.
phase 4 oil regulations and petroleum marketing problems–
hearings, 05089
potential for conversion of oil-fired and gas-fired electric generating units to use of coal, 01212
sales of fuel oil, 05603
strategic petroleum reserves, create–
hearings, 04214
supplies for 1st quarter 1974, current analysis, 05145
U.S. energy policy, reappraisal regarding petroleum, 06205
Petroleum Exporting Countries, Organization of, *see* Organization of Petroleum Exporting Countries.
Petroleum products, *see* Petroleum.
Petroleum refineries:
impact of motor gasoline lead additive regulations on petroleum refineries, 08548
loan guarantees for independent refiners to construct or acquire more facilities–
hearings, 07521
methods for refining crude shale oil produced by in situ retorting, 08002
petroleum refining industry, atmospheric emissions, 03320
recovery of fatty materials from edible oil refinery effluents, 07754
United States and Puerto Rico, mineral industry survey, 00536
Pettit, Dominga:
relief, 00981, 08994
Pharmaceuticals, *see* Drugs.
Pharmacies:
planning for hospital pharmacies, 06709
retail, third party prepaid prescription program–
hearings, 05090
report, 07376
Pharmacists:
entering agreement to practice in shortage area to repay educational loans, 07872
Pharmacology:
all-Union conference, pharmacology of antiradiation preparations, 07223
pharmacology research associate program of the National Institutes of Health, 05676
Pharmacotherapy:
children, psychopharmacology bulletin, special issue, 04667
Phase studies:
high-temperature contact nucleation of supercooled water by organic chemicals, 08178
phase separation in viscous flow in glass, investigation, 03644
Phase transformations, *see* Transformation temperatures.
Pheasants:
hunters at regulated plant-and-shoot pheasant areas in western Washington, 05400
Phelps County, Nebr.:
soil survey report, 01560
Phenology:
flowering and fruiting of southern browse species, 05408
Phenoxy herbicides:
drift of 2,4,5-T applied with mist blower, 06658
Philadelphia, Pa.:
crime in Nation's 5 largest cities, 10153
Philbin, Philip J.:
portrait to hang in Carl Vinson Room, hearings, 09053
unveiling portrait of late Philip J. Philbin, printing of proceedings, authorize–
report, 03088
Philippines:
appropriations, 1974–
law, 02954
defense, electrical substation, agreement, 00690
economic trends and their implications for United States, 03468, 10147
map, 07296
synoptic meteorological observations, 11706-10
trade in cotton textiles, agreement, 07054
transfer of trust funds for making payments on pre-1934 bonds of the Philippines–
report, 03219
Philosophy:
translations from Philosophical Sciences (USSR periodical), 00511
Phoenix, Ariz.:
area wage survey, 07948
social and health indicators system, 08938
Phoenixville, Pa.:
pressure sewer demonstration, 00341
Phonograms:
protection of producers of phonograms, convention–
report, 00187
Phonographs:
Federal item identification guide, 06437
musical instruments, phonographs and home radios, Federal item identification guide, 03268
Phosphate rock, *see* Rock phosphates.
Phosphate slimes:
Florida phosphate slimes, electrophoresis and coagulation studies, 07990
Phosphates:
determination in water with auto analyzer, 10385
phosphate-free heavy duty detergents, development, 10833
phosphates, 04356
superphosphates, current industrial reports, 01846
see also Rock phosphates.
Phosphoria formation:
unaltered phosphate ores, flotation of carbonate minerals, 11059
Phosphorus:
activated sludge plant, 200 MGD, removes phosphorus by pickle liquor, 05328
comprehensive management of phosphorus water pollution, 10002
flame emission determination of phosphorus in water, 01163
furnace slag, utilization in ceramic wall and floor tile, 09468
removal processes, effect on algal growth, 06545
see also Organophosphorus compounds.
Photocells, *see* Photoelectric cells.
Photochemistry:
atmospheric chemical reactions–
existing needs in experimental and observational study, 00330
generalized mechanism for describing, 09280
characteristics and photochemical reactivity of emissions, 00344
evaluation of diffusion model for photochemical smog simulation, final report, 01155
mechanisms of formation and composition of photochemical aerosols, 06547

Photochemistry – Con.
photochemical and rate data for I2 gas phase reactions for atmospheric chemistry, 06906
rate and photochemical data tables for modelling of stratosphere, chemical kinetics data survey, 10265
urban air shed photochemical simulation model study, 05322-3, 09278-81
Photodetectors:
responsibity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, investigation, 04622
Photodiodes, *see* Diodes.
Photoelectric cells:
high voltage photocells at low radiation intensities, investigation, USSR study, 03498
Photoelectricity:
discrete photoelectric tracking system with storage of error signal, USSR study, 01335
optical and photoelectric devices, USSR study, 07919
Photogrammetry:
root-mean-square errors in location, orientation and shape in triangulation solution of elongate object in space, derivation of formulas, 11123
triangulation of multistation camera data to locate curved line in space, 11131
Photographic surveying:
use of small-scale photography in mapping land use classification, 08734
Photographs:
American city, select audiovisual records, 05415
contrast method of processing photographs of Mars, USSR study, 03513
orbital, photometric technique for determining planetary slopes, 04477
Photography:
Geological Survey photographic library, 01254
high frame rate underwater camera system, 06050
lunar photography index maps of Apollo mission, 00539
mask generation, 07214
photographic method for determining cubic-foot volume of pulpwood, test, 06645
precision measurement and calibration, image optics, 08099
space photographic surveys in geological studies, USSR study, 09398
tectonic, geological studies of earth using space photographs, USSR study, 06763
see also Aerial photography – Astronomical photography.
Photoionization, *see* Ionization.
Photometers:
portable photometer to measure light output of installed in-pavement lighting fixtures, evaluation, 11260
Photometric measurements:
high frame rate underwater camera system, 06050
photometric integrating sphere, approximate theory, 08758
Photometry:
photometric data variability of automotive lighting components, 09524
photometric technique for determining planetary slopes from orbital photographs, 04477
photometry, present state, 08757
Photomultiplier tubes, *see* Tubes.
Photons:
proposed versatile photon counter system for laser radar, 03906
Photosynthesis:
determination of aquatic primary productivity (photosynthesis) in Lake Koocanusa, Mont., by carbon-14 light and dark bottle method, 04463
photosynthesis and phytoplankton growth rates in Shagawa Lake, Minn., 05319
Photovoltages:
national plan for photovoltaic conversion of solar energy (address), 10343
Phreatophytes:
bibliography, 10132
PHS, *see* Public Health Service.
Physical chemistry:
physical chemical treatment of raw municipal wastewater, 11482
Physical examinations:
cardiovascular diseases, means at each examination and inter-examination variation of specified characteristics, Framingham study, 08136
Physical fitness:
introduction to physical fitness, 10373
Physical geography:
geomorphology of Johnston Atoll, 03691
Physical measurements:
NWL precision ephemeris, 05744
precision measurement and calibration, image optics, 08099
Physical properties:
testing equipment, Federal item identification guide, 03280
Physical sciences, *see* Science.
Physically handicapped, *see* Handicapped.
Physicians:
better use should be made of physicians in health centers, GAO report, 09337
career opportunities, 08821
community health medic of Indian Health Service, progress report, 10126
entering agreement to practice in shortage area to repay educational loans, 07872
increased special and bonus pay for military physicians –
hearings, 07466
medicare, use of physicians' services by geographic region, 10412
physician inflow still near fiscal year 1972 peak, 11196
world of opportunities in programs of Public Health Service, 08819
Physicists:
physicists in medicine, status and future manpower needs, 07014
Physics:
health physics in healing arts, Health Physics Society, topical symposium, 05765
journal of research, National Bureau of Standards, 02196
physics of diagnostic radiology, 11759
physics of spaceflight, USSR study, 11008
Skylab experiments, astronomy and space physics, information for teachers, 04613
solar maximum mission, opportunities for participation, 11080
solar neutrinos, USSR study, 11574
two NRL codes for disturbed E and F regions, 08167
USSR and East Europe scientific abstracts, 02728
weekly Government abstracts, 02778

Physics–Con.
zero-gravity cloud physics laboratory self-contained shuttle payload, 10211
Physiological reactions:
air saturation diving with rats, effects on EEG and visually evoked cortical response, 07958
air traffic control personnel–
comparison of 5-day and 2-2-1 shift rotation patterns, 10531
Houston Intercontinental Tower, 10530
personality and physiological correlates of performance decrement on monotonous task requiring sustained attention, 10529
complex behavior of anthropoids (chimpanzees), physiological studies, 00503
hematologic responses to severe decompression stress, 04579
human force and motion-sensing mechanisms, modeling, 00030
method for recording and analyzing EEGs and VERs from rats under hyperbaric conditions, 06824
peripheral visual response time to colored stimuli imaged on horizontal meridian, 09498
Physiology:
chronic visual electrophysiological research, feline head-holder and body restrainer for use, 06823
information recording mechanism in nervous system, USSR study, 11006
of sonar system in Black Sea dolphins, USSR study, 00512
research grant support in sensory fields, 06964
Phytoplankton:
photosynthesis and phytoplankton growth rates in Shagawa Lake, Minn., 05319
Pianos:
pianos in Smithsonian Institution, 05791
pianos, except grand pianos, Tariff Commission report, 07076
Piceance Creek:
basin, Colo., hydraulic testing accompanying drilling of five exploratory holes, 04467
basin, Colo., revision of nomenclature, 08610
four newly named tongues of Eocene Green River formation, northern Piceance Creek basin, Colo., 05424
Pick-Sloan Missouri Basin:
Moorehead unit, Powder division, reclamation feasibility investigation, authorize–
law, 04001
Pick-Sloan Missouri Basin program:
minor irrigation structures and facilities, regional examination, 05773
Upper South Platte unit, Mount Evans division, special report, 05776
Pickens County, Ga.:
soil survey report, 01559
Pickle liquor (steel manufacture):
activated sludge plant, 200 MGD, removes phosphorus by pickle liquor, 05328
subsurface disposal, 03571
Pictured Rocks National Lakeshore:
general information, 08149
Pig iron, *see* Cast iron.
Pigeons:
wild, hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
Pigments:
organic pigments, production and sales, Tariff Commission report, 03796
paint and inorganic pigments industries, waterborne wastes, 10846
synthetic organic pigments, workers of Linden, N.J., plant of GAF Corp., Tariff Commission report, 05875
Pigs, *see* Swine.
Piles and pile driving:
installation of driven test piles in permafrost at Bethel Air Force Station, Alaska, 09269
Pile driving, *see* Piles and pile driving.
Pillowcases:
sheets, pillowcases and towels, current industrial reports, 11321
PILLS [Particulate Instrumentation by Laser Light Scattering] systems, *see* Particles.
Pilot balloons, *see* Balloons.
Pilot plants:
EPA-DC pilot plant for water pollution control, 09286
pilot model expansion tunnel test flow properties obtained from velocity, pressure, and probe measurements, 06862
Pilots and pilotage:
certification, Federal aviation regulations, 01950
civilian pilots, in-flight performance using moving-aircraft and moving-horizon attitude indicators, 07247
pilot model expansion tunnel test flow properties obtained from velocity, pressure, and probe measurements, 06862
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
UPT maneuvers for automated proficiency measurement development, selection and analysis, 02822
see also Aviators.
Pima County, Ariz.:
soil survey report, Organ Pipe Cactus National Monument, 03751
Pima Indians:
reading list, 01301
Pine:
best of 36 loblolly pine seed sources for southern Arkansas, 05407
chemicals fail to induce abscission of loblolly and slash pine cones, 00406
comparison of oleoresin composition in declining and healthy loblolly pines, 00409
Eastern white pine, stocking guide, 00398
electrophoresis patterns of needle enzymes in longleaf and sonderegger pines, 00402
jack pine, American woods, 03390
loblolly–
declining pines associated with bark beetle activity in Allen Parish, La., 05394
fecundity in south Arkansas, 00410
South Carolina best of 36 loblolly pine seed sources for southern Arkansas, 05407
lodgepole, natural regeneration of lodgepole pine in south-central Oregon, 05403
longleaf pine cone production in relation to site index, stand age and stand density, 00407
pinyon-juniper ecosystem, bibliography, 08585
ponderosa, American wood, 03391
precommercial thinning increases diameter and height growth of slash pine, 00403
rainfall influences female flowering of slash pine, 00401
Scotch pine for northern Great Plains, 07833

Pine–Con.
shortleaf–
effects of thinning on young shortleaf pine plantations in Indiana, 06661
polymorphic site index curves in Ouachita Mountains, 00419
variation in Mississippi seed source planting, 05393
western white–
American wood, 03393
improved system for estimating value, 07832
lumber yield in northern Idaho, 03401
white–
summary of blister rust research in Lake States, 07825
weevil injury, sampling plantations, 06649
young loblolly and shortleaf pines, weighting tree volume equations, 06657
Pine River and Valley:
Pine-Popple River basin, hydrology of wild river area, northeastern Wisconsin, 08620, 10091
Pinellas County, Fla.:
ultrasonic therapy equipment, survey of use and performance, 01538
Pink bollworms, *see* Bollworms.
Pinkham Creek:
biological survey in vicinity of Cowdrey, Colo., 10870
Pins:
Federal item identification guide, 07609
irradiation of broken pin in sodium circuit, 09689
piston, pin, Federal item identification guide, 04287
upholstery regulating pins, duty elimination–report, 09781
Pinyon pine, *see* Pine.
Pioneer, *see* Spacecraft.
Pioneer (locomotive):
American single locomotives and the Pioneer, 00632
Pipe and pipe fittings:
analytical and experimental investigations of rotating and noncapillary heat pipes, 00548
buried flexible pipe, laboratory load tests, steel and fiberglass reinforced resin pipe in sand backfill, 03725
coiled-pipe heat sink, analytical study, 05302
effect on dissolved oxygen concentration, preliminary report, 10382
hose, pipe, and tube fittings, Federal item identification guide, 00265, 04284
laser Doppler velocimeter turbulence measurements in pipe flow, 08714
minimum pipe-cover requirements for C-5A and other aircraft loadings, development, 06530
phenomena associated with bench and thermal-vacuum testing of superconductors, heat pipes, 06876
pipe, metallic, Federal item identification guide, 05206
pipe specialities, Federal item identification guide, 06446
quick disconnect and self-sealing, Federal item identification guide, 05220
RPM pipe deflections on Yuma project field test, analysis, 04724
shipments of thermoplastics pipe, tube, and fittings, current industrial reports, 01846, 04922
slurry flow in vertical pipes, 01479
soil pipe fittings, Federal item identification guide, 04297
theater of operations water supply, feasibility of manufacturing and using plastic pipe, 05308
turbulent flow in flexible pipes and ramjet engines, USSR study, 04540
water-distribution system, water supply, 03912, 07176
Pipe lines:
flood survey at proposed TAPS (trans-Alaska pipeline) crossing of Yukon River near Stevens Village, Alaska, 10945
impact of Alaska pipeline on transportation and economy (remarks), 11506
national concerns for secure energy resources (remarks), 03441
national program for continuing environmental monitoring for marine leg of Trans-Alaska pipeline system, 06973
natural gas, statistics for interstate companies, 05364
trans-Alaska oil and gas pipeline, authorize–law, 06152
report, 02980, 03076
trans-Alaska pipeline aquatic organisms from selected sites along proposed corridor, 09344
trans-Alaska pipeline corridor, proposed, field water quality information, Sept.1970- Sept. 1972, 04465
trans-Alaska pipeline system, channel erosion surveys, Alaska, July 1971, 05425
transport statistics, 10150
transportation revenue and traffic of large pipeline companies, carriers having annual operating revenues of more than $500,000, 03490
Piperonyl alcohol:
barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
Piracy, *see* Air piracy.
Piru Creek:
flood plain information, 06509
floods, 06524
Piru, Calif.:
flood plain information, Santa Clara River and Piru Creek, 06509
Piston engines, *see* Engines (aircraft).
Pistons:
piston, pin, Federal item identification guide, 04287
Pitch (motion):
jets blown over wing, exploratory invesigation of effects on pitching moment, 06870
Pittle, R. David:
nomination, hearings, 09195
Pittsburgh coal, *see* Coal.
Pittsburgh, Pa.:
area wage survey, 00519
coalbed, virgin, degasification through large borehole, 01380
Placement:
tests and other applicant appraisal procedures, Federal personnel manual supplement, 01977
Placenta:
respiratory gas exchange and blood flow in placenta, 01454
Plane coordinates, *see* Coordinates.
Plane stress, *see* Stains and stesses.
Plane trajectories, *see* Trajectories.
Planetary atmosphere, *see* Atmosphere.
Planetary surface vehicles, *see* Roving vehicles.

Planets:
acoustic sounding in planetary boundary layer, 11093
determination of personal errors in observations of large planets, USSR study, 05510
innermost planets of solar system, 11670
jupiter, as a planet, 05637
mission to inner planets, 11672
new orbital elements, 04700
now frontier linking earth and planets, 11670-3
now frontier, man links earth and planets, Pioneer to Jupiter, 05636-40
optical analysis of compound quasi-microscope for planetary landers, 10237
outer planets for one million years, elements, 08164
photometric technique for determining planetary slopes from orbital photographs, 04477
Venus and Mercury as planets, 11671
Venus and Mercury encounters, 11673
Planning:
aesthetics in environmental planning, 07776
alternative futures and environmental quality, 05339
Army aviation facilities, 07174
comprehensive planning series, 07727
comprehensive resource and environmental planning, 07016
conservation needs inventory for land resource planning, 00638, 03740-3, 07035
critical path planning in navy, USSR study, 06782
developing local and regional solid waste management plan, 10826
disaster preparedness, planning and operations, 05974
economics, organization, and planning of ship electrical installation production, USSR study, 11561
environment, new focus for land-use planning, 06992
EPA program planning task force for health effects research report, 1973, fiscal year, 01182
facilities planning for waste treatment, guidance, 07771
implications for organizational development, agency work contexts study, 00841
intersectorial production balance of USSR, economic-mathematical analysis, USSR study, 06788
national cancer program–
scientific recommendations for plan, digest, 04640
strategic plan, 04645
procurement planning for commercial feed firm, 03857
scientific progress, style of science, its synthesis, and problems, USSR study, 01332
State vocational rehabilitation agency, program and financial plan, 10397
timber measurement and management planning in Northwest, 11532
transportation planning data for urbanized areas based on 1970 census, summary, 03339
work in scientific research and design, USSR study, 10152
Planning (economics), *see* Economic policy.
Planning (programming), *see* Programming (planning).
Planning Support Group, Billings, Mont.:
reports, 00460-1, 04502
Plans, *see* Architecture.
Plant diseases, *see* Diseases of plants.
Plantations:
applicator for granular systemic insecticides in cottonwood nurseries and plantations, 05396
sampling plantations to determine white pine weevil injury, 06649
Planthoppers:
elm, annotated list, 08595, 10071
Planting:
extended planting seasons for sycamore and cottonwood, 00411
see also Forest planting.
Plantings, *see* Crops.
Plants:
effect of calcium cyanamide on growth and nutrition of planted yellow-poplar seedlings, 06665
estimating understory plant cover with rated microplots, 00416
finding, testing, distributing, using better plants for land use, beauty, etc., 01556
green scene program of NPS, care and maintenance of common household and office plants, home gardener's handbook, 05707
Hagerman National Wildlife Refuge, 05808
higher plants of marine fringe, marine flora and fauna of Northeastern United States, 06983
inventory, material introduced, 04774
plant morphogenesis as basis for scientific management of range resources, 05948
pressure bomb measurements indicate water availability in southwestern riparian community, 05392
quarantine import requirements–
Australia, 00034
foreign countries, summaries, checklist, 00732
France, 05989
Great Britain, 07165
Greece, 04818
New Zealand, 04819
Poland, 07166
seed and planting stock dealers, directory, 05410
see also Diseases of plants-Forage plants-Phreatophytes.
Plants (industrial):
construction, conversion, etc., financing through SBA loans to local development companies, 05785
defense industrial plant equipment–
center operations, 06419
storage/maintenance activities operations manual, 05204
desalination plants, evaluation of accessory materials, final report, 03728
facilities planning for waste treatment, guidance, 07771
industrial plant equipment handbook, stimulated coherent radiation devices, lasers, 05203
methods for improvement of trickling filter plant performance, 01165
particulate emissions from alfalfa dehydrating plants, control costs and effectiveness, 06563
reemployment assistance for engineers, scientists, and technicians unemployed because of cutbacks, GAO review, 06693
shipments of, defense-oriented industries, current industrial reports, 07261
waste water treatment construction grants, project register, 08554

Plasma:
complex effects of radiation for moving sources in plasma, USSR study, 01344
controlled thermonuclear fusion in installations with dense plasma, USSR study, 09425
cylindrical electrostatic probes at arbitrary incidence in flowing plasma, 09511
diagnostics of dense laser plasmas and superdense hot plasmas, USSR study, 07911
highly efficient supersonic nonequilibrium MHD generator, USSR study, 07909
hot-flow plasma problems related to gas core reactor, simulator tests to study, 06845
liquid-metal flows in magnetohydrodynamic systems, USSR study, 03509
microwave-induced plasma spectrometer for trace analysis, 07753
parameters and dynamics of laser plasma, USSR study, 06773
plasma near the moon, preliminary results of USSR study, 03532
plasma processes in metallurgy, USSR study, 05527
plasma tests of sprayed coatings for rocket thrust chambers, 11657
population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas with large parameter gradients, USSR study, 05521
problems of plasma theory, USSR study, 05525
Plasma (blood), *see* Blood.
Plasma arcs, *see* Plasma jets.
Plasma confinement:
plasma layer confined by physical walls, structure of enclosed thermonuclear combustion front, USSR study, 07920
Plasma jets:
performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests, 11135
Plasma Physics and Environmental Pertubation Laboratory:
active magnetosphere experiments, 09552
Plasma sheaths:
iterative methods for plasma-sheath calculations, application to spherical probe, 10236
PLASTEC, *see* Plastics Technical Evaluation Center.
Plastic strain, *see* Strains and stresses.
Plasticity:
boundary integral method, application to elastoplastic analysis of V-notched beams, 10254
boundary-integral method, in elasticity and plasticity, 06879
theory of elasto-plastic flow, review of developments, 04604
Plasticizers:
production and sales, 05873
Plastics:
acrylonitrile-butadiene-styrene type of plastic resin in pellet and powder form from Japan, Tariff Commission report, 07067
cellular-block-lined grade control structure, hydraulic model investigation, 00318
ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
elastic-plastic fracture mechanics options, generalized procedures for use in modernization of nuclear standards, 08170
hand-operated plastic pistol-grip liquid sprayers from Japan, Tariff Commission report, 11792
low density foams for vacuum insulation, 08301
pipe, feasibility of manufacturing and using in theater of operations for water supply, 05308
PLASTEC report, 06454
plastic concrete, feasibility study, new method for field analysis, 06496
production and sales, 09636
shipments of selected plastics products, current industrial reports, 02875
shipments of thermoplastics pipe, tube, and fittings, current industrial reports, 01846, 04922
vacuum chuck system and process for precision grinding of molded plastic parts, 07234
Plastics Technical Evaluation Center:
PLASTEC report, 06454
Plates:
effects of flanges on pressure distribution on flat plate and on corrugated surface, 08719
Federal item identification guide, 04294
highly underexpanded sonic jet ejecting from flat plate into subsonic crossflow, 05615
loading and heating of large flat plate at Mach 7 in Langley 8-foot high-temperature structures tunnel, 01404
metal bars, rods, wires, sheets, plates, and shapes, Federal item identification guide, 07607
shear-stress intensity factors for elastic sheets with cover plates, 10240
Platform trucks, *see* Motortrucks.
Plating:
eutectic superalloys strengthened by delta, Ni3Cb lamellae and gamma-l, Ni3Al precipitates, 05608
Platinum:
platinum group metals, mineral industry survey, 02436, 10188
Pleistocene period, *see* Glacial period.
Plexiglas:
flame spread rate of plexiglas, nylon and teflon, effects of pressure, oxygen concentration, and forced convection, 08073
Plowshare program (civil, industrial, and scientific uses for nuclear explosives):
reports available in Plowshare open file, 00043
Plugs:
Federal item identification guide, 04278
laboratory study of self-sealing limestone plugs for mine openings, 05329
Plum Island, Mass.:
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
Plumas County, Calif.:
geology of Pulga and Bucks Lake quadrangles, 08615
Plumbers' supplies:
plumbing, heating and sanitation equipment, Federal item identification guide, 01069
Plumbing:
cross-connection control manual for water pollution control, 04765
Plumbing fixtures, *see* Plumbers' supplies.
Plumes:
bubble plume gas transfer, hypolimnion aeration with commercial oxygen, 09996

Plumes—Con.
effect of gaseous and solid simulated jet plumes on 040A space shuttle launch configuration at M-1.6 to 2.2, 11104
highly underexpanded sonic jet plume ejecting from flat plate into subsonic crossflow, 05615
natural precipitation washout of sulfur compounds from plumes, 11477
plume temperature measurements of shallow, submerged model discharges with current, 10839
Plummer, James W.:
nomination—
hearings, 05116
Plutonium:
fabrication in France of plutonium and enriched uranium fast reactor cores, 07204
improvement needed in program for protection of special nuclear material, 06684
isotopic composition, determination, 02844
losses with steel, during decontamination of reactors, USSR study, 09397
plutonium fuels technology, research and development programs, 09695
utilization on performance of light water reactors, effects, technical report, 08307
Plutonium carbides:
irradiation experiment of sodium bond carbide fuel in Rapsodie fast reactor, 06036
Plutonium isotopes:
plutonium-238 production in commercial water reactors, 06051
Plutonium nitrates:
plutonium nitrate solutions, method for accountability, 07242
Plywood:
basis charts for southern lumber and plywood hedgers, 00405
hardwood, current industrial reports, 00768
Pneumatic conveyors, *see* Conveyors.
Pneumatic guns:
impact testing of materials using 8-inch air gun and computer reduction of data, 09696
Pneumococcus:
pneumococcal infection, infectious diseases research, 05672
Pneumoconiosis:
black lung benefits eligibility, oversight—
hearings, 04092
black lung benefits program—
annual report, 11400
determining eligibility for black-lung compensation, 09444
dust inhalation diseases, 05667
PNW, *see* Pacific Northwest Forest and Range Experiment Station.
Pocahontas coal, *see* Coal.
Pocket guides:
Great Britain, 01308
Podiatrists, *see* Chiropodists.
Podiatry, *see* Chiropody.
Poe, John R.:
relief, 00835, 00986
Poems, *see* Poetry.
Poetry:
poems and song lyrics, copyright, 01059
Poets:
portrait of poet, Hans Christian Andersen and his fairytales, 11589
Point Beach Nuclear Plant:
aerial radiological measuring system, 06029
Point Reyes National Seashore:
addition to National Wilderness Preservation System, proposal, 06221
boundary adjustment—
report, 09778
general information, 03677
Poisoning:
protection against hazards of benzene, ILO recommendations, 00853
we want you to know about preventing childhood poisonings, 05387
Poisons:
antidotes and their mechanisms of action in organism, USSR study, 08651
compatibility of refractory materials for nuclear reactor poison control systems, 08045
National clearinghouse for Poison Control Centers, bulletin, 02338
rodenticides and mammal, bird and fish toxicants, EPA compendium of pesticides, 01921
toxic materials analysis of street surface contaminate, 00345
toxic substances, 1973, annual list, 00574
toxicity bibliography, 02656
toxicity of mixtures of quinaldine sulfate and MS-222 to fish, 05812
toxicity of quinaldine sulfate to fish, 05810
see also Lead poisoning.
Poisson ratio:
compression characteristics and structural beam design analysis of steel fiber reinforced concrete, 06495
nu-averaged infrared absorption coefficients of water vapor, 01480
POL, *see* Pacific Oceanographic Laboratories.
Poland:
American-Polish trade accords, 07646
background notes, 11245
consular rights, agreement, 01571
economic trends and their implications for United States, 10141
map, 07297
plant quarantine import requirements, 07166
Polish People's Republic, fisheries in western region of middle Atlantic Ocean, agreement, 05837
trading in Poland, 04329
Polar orbits, *see* Orbits.
Polarimetry:
determining atmospheric turbidity from polarimetry of radiation emerging from earth's atmosphere, 06844
pole position based on Doppler satellite observations—
for 1971, 05735
for 1972, 04705
Polaris (star), *see* Pole star.
Polarization (nuclear):
visible radiation polarization measurements from satellite, devleopment of experiment, 06844
Polarization (radio):
patterns and polarizations of simulated conformal arrays, 08172
polarization of emitted radiation for scanning microwave radiometer, dependence of antenna temperature on, 06981
Pole star:
ephemeris, 11587
Police:
Cairo, Ill., Civil Rights Commission hearing, 10550
determinants of police behavior, summary, 03533
guidelines for patrol commander, prevention and control of collective violence, 04554

Police–Con.
guidelines for police chief, prevention and control of collective violence, 04552
improving police community relations, 09433
Library of Congress, provide salary increase–law, 04022
report, 03069, 03134
National Advisory Commission on Criminal Justice Standards and Goals, views and recommendations, 01387
provide benefits to survivors of police officers killed in line of duty–hearings, 04128
security police, military working dog program, Air Force manual, 07154
St.Louis helicopter project, cooperative effort among 14 railroad police departments, 08256
Polish People's Republic, *see* Poland.
Polishing compound:
cleaning and polishing compounds, Federal item identification guide, 09973
Political activity, *see* Politics.
Political campaigns, *see* Elections.
Political corruption:
Internal Revenue Service used for political purposes, investigation into charges, 09011
political contributions by milk producers cooperatives, 1971 milk price support decisions, statement of information submitted on behalf of President Nixon, hearings, 09095
political contributions by milk producers cooperatives, 1971 milk price support decision, Presidential impeachment–investigation, statement of information, hearings, 09099
Political economy, *see* Economics.
Political parties:
majority whip organization, history and operation, print as House document–report, 02973
Political prisoners:
treatment of political prisoners in South Vietnam–hearings, 03109
Political science:
national assessment of educational progress, political knowledge and attitudes, 09263
publications, price list, 03718
Politics:
Eastern Europe, translations, 02664-5
guide to collection of Hungarian political and military records, 1909-45, 00556
petropolitics and American energy shortage–report, 04207
political contributions, tax deduction and tax credit, 09373
political situation in South Asia, 09210
political situation in Thailand–hearings, 09832
political trends in India and Bangladesh–hearings, 06298
prohibit U.S. corporations intervening in and influencing foreign political affairs–report, 00988
public opinion polls–hearings, 05070
USA, economics, politics, ideology (periodical), 02720
USSR, political and sociological affairs, translations, 02678
Polk Bayou:
flood plain information, 07698
Polk County, Oreg.:
flood plain report, 11232
Pollack, Irving M.:
nomination, hearings, 08474
Pollen:
Complexiopollis pollen lineage rocks, in Mississippi Embayment rocks, 04474
Polls, *see* Public opinion polls.
Pollution:
abatement and control training and educational programs presented by EPA, 04354
abatement of mine drainage pollution by underground precipitation, 06574
amortization of pollution control facilities, tax information, 05471
capital and operating costs of pollution control equipment modules–data manual, 01189
user guide, 01188
coastal pollution research highlights, 01773
Consolidated Field Maintenance Facility at Fort Bragg, N.C., technical evaluation study for pollution control, 06492
control of pollution from animal feedlots–hearings, 08393
control pollution resulting from silvicultural activities, 04382
control, general, legal compilation, statutes and legislative history, executive orders, regulations, guidelines and reports, 07772
controlling pollution emissions from residual-oil-fired boilers, effectiveness of selected fuel additives, 04361
development of predictions of future pollution problems, 10860
effects of pollution abatement on international trade, 10555
environmental pollution and control, weekly Government abstracts, 02770
Environmental Protection Agency program plans related to monitoring, 1974, summary, 10865
environmental research publications, 04375
pesticides in lower Colorado River, 10004
pollutant identification research highlights, 02438
potential pollutants in fossil fuels, 01170
upgrading metal-finishing facilities to reduce pollution, 08868
world environmental quality, challenge to international community, 03767
see also Air pollution–Water pollution.
Polly, Uhel D.:
relief, 08997, 11366
Polychaeta:
new Polychaeta from Beaufort, with key to all species recorded from North Carolina, 06982
Polychloroprene, *see* Neoprene.
Polyethylene:
bags for packaging cornmeal, evaluation, 00012
Polymers and polymerization:
concrete-polymer materials, 08825
explosives applied in welding and polymerization, USSR study, 06774
polymeric materials for underground support, 09470
polymers in concrete, development and use, 04720
selected polymers, mechanical, thermal, and electrical properties, compilation and evaluation, 03631
soil-polymer system, 07685

Polymers and polymerization—Con.
solid polymer electrolyte fluorocarbon film, properties, 08730
Polymorphism:
polymorphic site index curves for shortleaf pine in Ouachita Mountains, 00419
Polymorphy, *see* Polymorphism.
Polynesia:
southeastern, investigations, 1970-71 of Acanthaster planci, 08834
Polynomials:
multiple regression technique for Pth degree polynomials with and without linear cross products, 08726
Polypropylene:
damaged polypropylene bags, instructions for repair, 03842
Polyurethanes, *see* Urethanes.
Polyvinyl chloride:
sliding of poly(vinyl chloride) on metals studied by Auger lectron spectroscopy, 08070
Pompton River and Valley:
flood problems—
hearings, 00162
Ponca Indians:
reading list, 01302
Poncha Springs, Colo.:
Poncha Springs SE quadrangle, geology and mineral deposits, 10948
Ponderosa pine, *see* Pine.
Ponds:
sewage stabilization ponds—
in Dakotas, evaluation of use in cold climates, 11742
in maritime climate, 11546
see also Farm ponds.
Pontotoc County, Miss.:
soil survey report, 08848
Poor:
day care's effect on labor force participation of low-income mothers, study, 00291
low-income areas of large cities, selected characteristics of population, 04912
nutrition and human needs, national survey—
hearings, index, 06403
Pope, Eileen W. K.:
relief, 11361
Pope, Enid R.:
relief, 00886, 02918
Popo Agie Primitive Area:
mineral resources of area near Popo Agie Primitive Area, Fremont County, Wyo., 00430
Popple River and Valley:
Pine-Popple River basin, hydrology of wild river area, northeastern Wisconsin, 08620, 10091
Population:
activities supported by International Development Agency, report, 04538
alternative futures and environmental quality, working papers, 05339
analysis of Federal research, 1972 fy, 05684
balanced growth and economic development with national public works policy—
hearings, 08434
birth expectations of American wives, advance data from current population survey, 02876
census—
characteristics of population, 00051, 00761-2, 02866, 03937, 04909-10, 06075-6, 07259
coverage by sex, race, and age, 07258
employment profiles of selected low-income areas, 00759
evaluation and research program, 06073-4, 07258, 09708
geographic identification code scheme, 00760
subject reports, 00057, 00763-4, 02867, 03938-40
supplementary report, 04911-2, 08905, 09709
characteristics of Spanish surname population by census tract, for SMSA's, 1970, 09709
coding performance in 1970 census of population and housing, 09708
comparison of total population figures from censuses taken around 1970 with populations estimates for selected countries—
French edition, 10544
Spanish edition, 06096
current population reports, 01850—
consumer buying indicators, series, 06092
consumer income, series, 06091, 10543
Federal-State cooperative program for population estimates, 00777, 03951, 04929, 06086-9, 07271-8, 09712, 10542, 11330
population characteristics, series, 02876, 03949, 04925-6, 06082-4
population estimates and projections, series, 00776, 02877-8, 03950, 04927-8, 06085, 07268-70
special censuses series, 04930, 06090
special studies, 07267
current survey, consistency of reporting of ethnic origin, 07285
determine range of carboxyhemoglobin in various segments of American population, research study, 05320
distribution, 1970, urban and rural (map), 00780, 03956
epidemiologic characteristics of morbidity in USSR population, 05508
estimates of population—
Alabama counties, 03951
Arizona, 06086
Delaware and metropolitan areas, 07277
Hawaii counties and metropolitan areas, 07273
Idaho, 06087
Kansas counties, 09712
Louisiana parishes and metropolitan areas, 06089
Maine counties and metropolitan areas, 07274
metropolitan areas, current population reports, 00776
Montana counties and metropolitan areas, 04929
Nebraska counties and metropolitan areas, 07278
New Hampshire counties and metropolitan areas, 06088
North Dakota counties and metropolitan areas, 07275
number of households by State, 07270
Oklahoma counties and metropolitan areas, 11330
Rhode Island counties and metropolitan areas, 10542
South Dakota counties and metropolitan areas, 07276
Tennessee counties, 00777
United States, 03950, 07268
Utah counties and metropolitan areas, 07272
Vermont counties, 07271
family planning services and population research—
hearings, 05168

Population—Con.
growth and its implications for future on resources, environment and food supply—hearings, 09104, 10710
humanity and food resources, USSR study, 06780
low-income population, characteristics, 10543
mobility, United States, 03949
Negro, percent change by counties, 1960-70 (map), 07287
population and housing inquiries in U.S. decennial censuses, 1790-1970, working paper, 04940
Population Growth and American Future, Commission on—
public hearings, statements, 08816
procedural history, census, 02865
race between food and population (address), 11297
research, National Institute of Child Health and Human Development, recent progress of program, 08771
resident Indian population and labor force status, by state and reservation, March, 1973, estimates, 00459
selected characteristics of population in low-income areas of large cities, 04912
States, estimates, 02877
summary of special censuses, 04930, 06090
tabulation as required for apportionment of State legislative bodies, hearings, 07441
theoretical population genetics, bibliography, 04886
United States estimates, 00069, 02878, 04927, 06085
United States estimates by age, sex, and race, 04928
world population conference, Aug.1974, world population year, 05822
see also Demography.
Population Growth and American Future, Commission on:
public hearings, statements, 08816
research paper, 08816
Pork:
bellies, quarterly and shorter-term price forecasting models relating to cash and futures quotations, 04797
cooking yields of 3 and 5 pound pork spareribs served with and without rib bones, consumer preference, 04839
freeze-dried raw pork chops, effect of rehydration and cooking parameters on tenderness, 04844
frozen pork bellies, commitments of traders, 01790
selected retail cuts of pork, price-quantity relationships, 00007
slaughtering, cutting, and processing pork on farm, 05936
Porosity:
optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
Porous materials:
distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101
heat and mass transfer in porous media, analysis using strongly implicit procedure, 08080
Port Arthur, Tex.:
area wage survey, 01357
Port Everglades, *see* Fort Lauderdale, Fla.
Portal-to-portal pay, *see* Wages.
Porter, D. Gareth:
testimony—
hearings, 05163
Porter, William J.:
nomination, hearings, 09209
Portland, Maine:
area wage survey, 11026
Portland, Oreg.:
area wage survey, 03538
Porto, Portugal:
summary of synoptic meteorological observations, 08175
Portraits:
late Philip J. Philbin, printing of unveiling proceedings, authorize—
report, 03088
Ports:
deepwater ports, construction and operation—
report, 05034, 09042
highlights of MarAd port activities, 02088
offshore ports and terminals for oil imports, permits to construct, operate, and maintain—
hearings, 08428, 08479-80
report, 06246, 09041
States' options, hearings, 08427
U.S. foreign trade, classification of customs districts and ports, 03953
Portugal:
implementation of U.S. arms embargo against—
hearings, 00928
trade in cotton textiles with Macao, agreement, 05835
trade in wool and man-made fiber textile products with Macao, agreement, 01574, 04749
Portuguese Guinea, *see* Portuguese West Africa.
Portuguese West Africa:
Angola-Zaire boundary study, 10438
background notes, 03761
Guinea boundary study, 07046
Guinea-Senegal, boundary, study, 07045
Position classification, *see* Classification.
Position finding:
artificial earth satellites, USSR study, 08660
pantograph positioning system for inspecting microcircuits, 02847
Position indicators:
en route position and time control of aircraft using Kalman filtering of radio aid data, 05634
Posner, George J.:
relief, 02925
Possessions of United States, *see* Outlying possessions.
Post Office and Civil Service Committee, House:
activities, 93d Congress, summary, 09853
calendar, 02218
committee print, 00155-6, 00943, 07444, 09109-10, 09850-4
hearings, 00154, 00942, 03110, 04136-8, 05078-80, 07440-3, 08425-6, 09105-8, 09849, 10711-2
investigations and studies, authorization and expenses, report, 10626
report, 02982-7, 02990, 03191, 03212, 08363, 10616, 11381
Post Office and Civil Service Committee, Senate:
calendar, 02237
committee print, 11438
hearings, 04247-8, 05173-5, 07568-70, 10789

Post Office and Civil Service Committee, Senate—Con.
report, 03154, 03164, 03211, 03213-4, 03240, 06324, 06347, 08456, 08460
Post offices:
postal contracting manual, 10483
postal service manual, 02443, 11798-801
Postage:
postal rate adjustments, extend—
report, 08460
Postage stamps:
Christmas, 8c. stamp (poster), 03815
commemorative, posters, 01783
commemorative, ten-cent Robert Forest (poster), 08875
Continental Congress, 10-cent, regular stamp (poster), 09467
crossed flags, 10-cent stamp in sheet and coil form (poster), 03817
domestic airmail, 13c. stamp in sheet, coil and booklet form (poster), 03820
Elizabeth Blackwell, 18-cent regular postage stamp (poster), 05894
Expo '74, preserve environment, 10-cent stamp (poster), 10478
first Kentucky settlement (poster), 10479
horse racing commemorative stamp (poster), 10480
Jefferson Memorial, 10-cent stamp in sheet, coil and booklet form (poster), 03818
mineral heritage, 10-cent stamp (poster), 10481
Mount Rushmore, 26-cent, international airmail stamp (poster), 05897
NATO 18-cent aerogramme (poster), 10482
Statue of Liberty, 18-cent, international airmail stamp (poster), 05896
use of illustrations of obligations & securities of United States & foreign governments, 01544
VFM 75th anniversary (poster), 05898
zip code 10-cent stamp (poster), 03822
Postal bulletin, *see* Postal service.
Postal cards:
airmail eleven-cent postal card (poster), 05891
international 18-cent airmail postal card (poster), 05895
Samuel Adams, 8-cent postal card and 16-cent reply-paid card (poster), 03816
twelve-cent international surface mail (poster), 05892
United States Postal Service, commemorative stamp poster series, 05892
Postal contracts, *see* Postal service.
Postal Inspection Service:
enforcement report, monthly, 01910
Postal Rate Commission:
operation and organization, hearings, 09108
Postal rates, *see* Postage.
Postal service:
code of Federal regulations, 03350
collective bargaining representation of postal employees—
hearings, 07443
good dependable service (address), 03814
investigation—
report, 08456
laws, 08262
licensed vendor listing postal service, uniform allowance program, 03823
oversight—
hearings, 05078
postal bulletin, 02440
postal contracting manual, 00707, 02441, 03824, 10483
postal life, magazine for postal employees, 02442
postal oversight—
hearings, 05175, 07569-70
postal service manual, 02443—
excerpts, instructions for mailers, 02159
postal services and products, consumer's guide, 04762
private express statutes and their administration, 07090
private express statutes—
hearings, 07442
transportation of mail—
hearings, 05080
Western region, status—
hearings, 05079
Posters:
Center for Disease Control, 08956, 08958
Commerce Department, 09717-8, 09720-2
Environmental Protection Agency, 06580, 06595
Food and Drug Administration, 00388, 01234
National Aeronautics and Space Administration, 10203
National Bureau of Standards, 03627
National Institute on Alcohol Abuse and Alcoholism, 08126
National Park Service, 10332
United States Postal Service, commemorative stamp poster series, 01783, 03815-21, 05891-8, 08875, 09647, 10478-80
United States Travel Service, 09650-1
Postmaster General, *see* United States Postal Service.
Posts:
electrical-mechanical equipment, Federal item identification guide, 05225
Potash:
mineral industry surveys, 07978
minerals yearbooks chapter, 07985
Potatoes:
census of agriculture, special reports, 04905
futures—
commitments of traders, 01789
trading and open contracts, 02056
potatoes and sweetpotatoes, usual dates for planting, harvesting, marketing, 07110
production, disposition, value, etc. by States, 05859
western aster yellows agent, leafhopper transmission to potato in eastern Washington, 10491
Potawatomi Indians:
reading list, 01303
Potential:
changes in late components of evoked potentials under normal conditions and in focal brain pathology as related to stimuli varying in significance, USSR study, 07922
cortical evoked potentials to subliminal emotional words, USSR study, 11566
narrow energy band filters for a 250 kV constant potential X-ray machine, 09699
Potomac Park:
East and West Potomac Parks, historic resource study, 01488
Potomac River and Valley:
basin, Maryland, Virginia, West Virginia, Pennsylvania and District of Columbia, engineers report—
departmental edition, 10814
document edition, 10594
basin, reformulation of Sixes Bridge and Verona projects, engineers report—
departmental edition, 09989
document edition, 09739
basin, water supply, interim report, 01141

Potomac River and Valley–Con.
estuary in Washington metropolitan area, history of water quality problems and solution, 10820
pollution of interstate waters in Washington metropolitan area, conference, 2d session, 11751
water pollution monitoring system, sensor cleaning and field calibration, maintenance manual, 09319
Potter, David S.:
nomination–
hearings, 01017
Pottinger, J.Stanley:
nomination–
hearings, 01034
Poughkeepsie, N.Y.:
area wage suevey, 01359
Poultry:
chemical compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs, list, 05986
directory of meat and poultry inspection program establishments and officials, 01887
foreign agriculture circulars, 02039
hatchery production, 1973, annual revisions, 09625
industry, price freeze and its effect–
hearings, 04082
inspection regulations of USDA, 00032, 00733 03895-6, 04816-7, 09679
market statistics, 1972, annual summary, 07129
meat and poultry inspection manual, 05987, 07164
meat and poultry inspection regulations, 00033, 05988
meat and poultry inspection, report, 04784
national improvement plan and auxiliary provisions, 05919
national poultry improvement plan, hatcheries, dealers, and independent flocks, egg-type and meat-type chickens, turkeys, waterfowl, exhibition poultry and game birds, participants, 05916-7
poultry and egg situation (periodical), 02444
slaughtered under Federal inspection, monthly report, 02445
statistics through 1972, 10498
tables on hatchery and flock participation in national poultry improvement plan, 05918
used in further processing monthly report, 02445
see also Diseases of poultry.
Poverty:
family, poverty, and welfare programs, factors influencing family instability, 04034
family, poverty, and welfare programs, household patterns and Government policies, 06207
Federal Government's role in extending public assistance to all Americans living in poverty, 00179
impact of Federal policies on employment, poverty, and other programs–
hearings, 00235, 04237-8, 06399
rural poverty, continue programs combating–
hearings, 10692
POW, *see* Prisoners of war.
Powders:
powdered materials whose particle size distribution and refractive indices are not known, determination of optical absorption coefficient, 04826
see also Gunpowder.
Powell, Halsey (U.S.S.), *see* **Halsey Powell (U.S.S.)**.
Powell, John Wesley, Federal Building, *see* John Wesley Powell Federal Building.
Power:
computed lateral power spectral density response of airplanes to random atmospheric turbulence, 09501
development, public works–
appropriations, 1974, hearings, 01014
appropriations, 1974, 01015
hearings, 01015
gear-mesh-induced high-frequency vibration spectra in geared power trains, prediction, 08295
hypersonic aerodynamic characteristics of family of power-law, wing-body configurations, 06881
improved radiofrequency power standards, 07216
power O. and M. bulletin, 03721
power O. and M. codes for ADP, 00619
power O. and M. report–
field review of maintenance, 03722
field review of operation and manintenance, 03723
public works appropriations, 1974–
hearings, 03245
waiving point of order, report, 02969
public works appropriations, 1975–
hearings, 09049, 09813, 10683, 11392
rf power and attenuation using superconducting quantum interference devices, measurement, 01423
terrestrial surface power flux density limits for services using satellites, technical considerations in efficient use of spectrum, 03988
see also Electricity–Power plants.
Power boilers, *see* Boilers.
Power cables, *see* Electric cables.
Power cycles:
advance power cycle development by development corporations–
hearings, 00226
Power generators:
hydrazine-driven emergency power generator, simulation, 06489
Power lines, *see* Electric lines.
Power plants:
advanced torque measurement system for helicopters, 06018
cooling systems, engineering aspects, environmental impact, 07755
fluidized-bed boiler combined-cycle power plant development, appendices, 07740
low BTU gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
MHD-power plants in power engineering, USSR study, 08644
National public hearings on power plant compliance with sulfur oxide air pollution regulations, report of panel, 11487
PLS (power, transmission lines, substations) listing, power facilities operated by Reclamation Bureau, 10395
solid waste as supplementary fuel in power plant boilers, energy recovery from waste, 06590
U-25 installation, first stage of development, USSR study, 08643
see also Electric power plants–Nuclear reactor power plants.

Power reactors, *see* Reactors (atomic).
Power resources:
administration efforts to solve problems of economy and energy (address), 04966
agriculture and fuel crisis, 05043
allocation of necessary energy sources to tourism industry, report, 09165
America can achieve energy independence (remarks), 09297
America's energy potential, summary and explanation, 09080
American foreign policy and current energy problems, implications—
hearings, 05134
appeal to save energy, and improve international trading climate to expand U.S. exports (address), 03978
architectural guidelines to promote efficient energy use—
hearings, 05083
assessment of solar energy as national energy resource, 05714
be an energy miser in your home, 05444
bibliography, 09587
business and government goals in energy conservation (remarks), 07793
citizen action guide to energy conservation, 05757
clean energy from coal technology, 04958
coal as future energy supply—
hearings, 05139, 09216
coal once and future king (address), 07725
coal technology, key to clean energy, 06116
code of Federal regulations, 08570
comparative transportation costs of supplying low-sulfur fuels to midwestern and eastern domestic energy markets, 06831
competition and antitrust implications in energy industry, gasoline and fuel—
hearings, 07537
concentration by competing raw fuel industries in energy market and its impact on small business, investigation report, print additional copies—
report, 09764-5
conservation of energy by industries (remarks), 06127
conserving America's energy resources (remarks), 02893
Consumer energy act—
hearings, 09198, 09916-7
current energy research and development, inventory, 09112
current energy shortages oversight series—
hearings, 06387, 08487, 09930-1, 11434
impact of energy shortages on Los Angeles, 05136
major oil companies, hearings, 07505
current situation in energy crisis (remarks), 03439
Defense Department, energy resources and requirements—
hearings, 09056
problems, 08384
develop new sources of clean energy—
hearings, 01021
Emergency highway energy conservation act—
law, 05000
Emergency petroleum allocation act—
law, 04015
energy and environment (address), 07732
energy and environmental objectives—
hearings, 08481
energy conservation and business community, 03982
energy conservation handbook for light industries and commercial buildings, 07324
energy conservation—
hearing, 00225
energy conservation in federally funded construction of buildings—
hearings, 08432
energy conservation management and energy auditing procedures (address), 04965
energy conservation strategies to combat crisis, 01187
energy crisis (address), 03976
energy crisis and small business, 07449
energy crises effects on education, hearings, 09231
energy crisis, effects on health care system—
hearings, 07556
energy crisis, impact of Canadian policies of export controls—
hearings, 05058
energy crisis, independent trucker problems—
hearings, 08413
energy crisis, inflation and investment (remarks), 06631
energy crisis, service criteria in air transportation (remarks), 03964
energy crisis, compensation for unemployment caused by, hearings, 07488
energy emergency, assessment and analysis, staff analysis, 10773
energy emergency legislation—
hearings, 04215
energy emergency management, conservation and research plans—
hearings, 05067-8
law, 08346
report, 06348
energy emergency management, conservation and research—
addresses, 07800, 08325, 10026-27
appropriations, 1974, special report, 08372
appropriations, 1975, hearings, 06270
appropriations, 1975, report, 08371
executive markup session, 06394
hearings, 05005, 05063-6, 05082, 05137, 05142, 06387, 06390
proposals, 06305
remarks, 07789, 07791, 07794-7, 07799
reports, 05040, 05097,05102-3, 06257, 06355-6, 08373-4, 08452
summary of bill provisions, 08414-6
energy facts, 08438
energy facts, United States and foreign statistics, 09115
energy from oil shale, legislative, policy, etc., aspects, 08439
energy information needs, study by General Accounting Office, 05146
energy management and marketing priorities, 07326
energy management, economic sense for retailers, 07325
energy outlook for the 1980's, study, 05006
energy recovery from waste, 06590
energy related graduate traineeship program, 08799
energy related research and development, 08464
energy reorganization act of 1974—
report, 08463
energy research and development activities, appropriations, 1975—
report, 09798
Energy research and development policy act—
hearings, 00226

Power resources—Con.
energy research and development—
AEC 5 year $10 billion program, hearings, 08347
and space technology, hearings, 04140-1
appropriations, 1974, supplemental, proposal, 04041
overview of our national effort, hearings, 04142
energy research program of U.S. Dept. of Interior, 08636
energy self-sufficiency and controlled materials plan, 09935
energy shortages, oversight series—
hearings, 07506-7
energy situation, briefing—
hearings, 06310
energy supplies and uses, staff economic study, 05372
energy taxation study—
alternative conservation taxes, 07454
alternatives for taxation of increased domestic oil and gas profits, 07451
energy trust fund, 07455
possible modifications in tax treatment of foreign oil and gas income, 07453
statistical data, 07452
Energy transportation security act—
report, 08370, 08375
energy transportation security, percentage of oil imports be carried on U.S.-flag vessels—
hearings, 09920
energy windfall profits, excess profit tax proposals—
hearings, 06382
energy, cooperative world action to solve shortages, current foreign policy, 05818
energy, environment, and education (remarks), 08326
Environmental Protection Agency, research and development programs, appropriations, 1975—
hearings, 09800
Federal charters for energy corporations, selected materials, 08493
Federal efforts in attaining self-sufficiency to offset future energy shortages (remarks), 07798
Federal resources (funding and personnel) in energy related activities, 09218
Federal Trade Commission's application of antitrust law to big business exploitation of energy crisis in misleading advertising (address), 08578, 10051
fiscal policy and energy crisis—
briefing material for Subcommittee on Energy, 04197
hearings, 05128-9, 07491
foreign policy implications of energy crisis—
hearings, print additional copies, report, 09160, 09766
fuel and needs of agriculture (remarks), 10898
gas and oil regulatory bills—
hearings, 09916
genuine energy crisis (remarks), 03440
geothermal energy—
hearings, 05147, 06395
geothermal resources—
hearings, 04219
home energy saving tips from NBS, 11163
how to start energy management program, 04970
immovable feast, transportation, energy crisis, and rising food prices for consumer, 05108
impact of energy shortages on manpower needs, Secretary of Labor's report, 09451
impact of motor gasoline lead additive regulations on energy resources, 08548
implementation of transportation controls under Clean air act—
hearings, 09963
industry's vital stake in energy management, 10556
institute formal energy management program in your business (address), 04967
international cooperation in world shipping (remarks), 06616
international cooperation to solve world energy problem, (address), 05356
international problems of inflation, world trade, and energy (address), 03971
introducing Erg and Dyne, energy twins (poster), 09717
join car-pool, save energy (poster), 09718
legislative authority of Federal agencies with respect to fuels and energy, analysis, 04213
loans to small business concerns affected by energy shortage, report, 09176
market performance and competition in petroleum industry, hearings, 09217
nation's energy future, 04899
national concerns for secure energy resources (remarks), 03441
National energy emergency act—
report, 03221
national energy policy aimed at preserving jobs (remarks), 07334
national information system, inventory of energy resources—
hearings, 07522, 09938
national policy of conserving energy resources—
report, 03166
necessity of meeting nation's most acute and serious power shortage since 2d World War (address), 03975
new energy capacity, public policy issues in financing (remarks), 03370
new national energy policy (remarks), 07790
Oil and gas energy tax act, 09040
oil imports require to be carried on United States flag vessels—
hearings, 07439
petroleum shortages—
hearings, 05004
petropolitics and American energy shortage—
report, 04207
plans for solving energy crises (remarks), 09296
Presidential energy statements, 05143
prices, supply and conservation, (remarks), 10899
produce, protect and conserve energy with conservation tillage, 10428
profitability of domestic energy company operations—
hearings, 05133
Project Independence programs to promote U.S. independence of foreign energy resources (address), 06120
research and development, special appropriations, 1975—
hearings, 09815
research, development and demonstration of fuels and energy technologies, establish national program—
hearings, 08399

564-800 O - 75 - 25

Power resources–Con.
research, development and energy crisis–
hearings, 08440
residential energy consumption–
applicability of analyses to various geographic areas, 10977
multi-family housing data acquisition, 10975
phase I report, 10973
single family housing, final report, 10974
single-family housing, verification of time-response method for heat load calculation, 10976
resolved that Federal Government should control supply and utilization of energy, intercollegiate debate topic, excerpts and bibliography, 10595
Resource conservation and energy recovery act, text and description, 10765
resurgence of maritime industry under Merchant marine act and energy conservation, 04964
role of science in researching and developing new sources (remarks), 08329
self-sufficiency and research hopes to offset future energy shortages (remarks), 07792
short term energy shortages–
hearings, 04139
shortages, inflation and recession (address), 06121
sludge incineration and fuel conservation, 09290
small business and energy shortage–
hearings, 04149
small business, provide loans for concerns adversely affected by energy shortages–
hearings, 10760
solving energy problem for U.S. tourism industry (remarks), 10484
standby energy emergency management, conservation and research plans–
report, 08462
state of our economy, energy problem, and need for expansion of exports (address), 03974
steps toward energy self-sufficiency (remarks), 10025
take to the stairs, 2 up-3 down, save energy (poster), 09720
thirty-three money-saving ways to conserve energy in your business, 04975
threat to air service posed by fuel crisis (remarks), 04946
tourism and tourist trade (remarks), 10901
transportation and new energy policies–
hearings, 08510, 10791
truth in energy and car pooling–
hearings, 05125
turn off machines when not in use, save energy (poster), 09721
turn off unnecessary lights, save energy (poster), 09722
U.S. energy policy, reappraisal regarding petroleum–
hearings, 06205
United States and Canada, facing energy crisis, 11776
university energy research centers–
hearings, 04143
windfall or excess profits tax on energy industries–
hearings, 07457
winter USA, staying warm and saving money, 06470
see also Geothermal energy.

Power tools:
power hand tools, consumer information, 06634
Power transmission:
helicopter drive system load analysis, 07200
vehicular power transmission components, Federal item identification guide, 11445
Powerplants, *see* Power plants.
Practice, *see* Training.
Prandtl equations, *see* Equations.
Prayers:
offered by Senate Chaplain, Edward L. R. Elson, 93d Congress, 09138
offered by Senate Chaplain, Edward L. R. Elson, 92d Congress, print as Senate document–
report, 03093, 03178
Preamplifiers, *see* Amplifiers.
Precipitation:
frozen, predicting conditional probability, 10320
High Plains, variability, 10324
hourly data, by States, etc., 02094-137
mean precipitation-hours for conterminous United States, 07829
natural precipitation washout of sulfur compounds from plumes, 11477
Pacific Northwest, monthly, 02416
removal of heavy metals from mine drainage by precipitation, 06572
Tennessee River basin, monthly, 02446
see also Rain–Snow.
Precipitation (chemistry):
enhancing trickling filter plant performance by chemical precipitation, 00337
eutectic superalloys strengthened by delta, Ni3Cb lamellac and gamma-l, Ni3Al precipitates, 05608
extended evaluation of a particulate precipitating heat transfer surface, 07680
Precipitation gages:
radar rainfall pattern optimizing technique, 11692
Precision measurements, *see* Physical measurements.
Predators:
control and conservation of predatory and depredating animals–
hearings, 05123
controlling, obtaining factual information on usefulness of various methods–
hearings, 04225, 08376
Prediction:
automatic interaction detector-version 4 (AID)-4, reference manual, 07142
development of predictions of future pollution problems, 10860
FORTRAN program for predicting off-design performance of centrifugal compressors, 06890
geometric method for prediction of stresses in elastic inclusions, orebodies and mining systems, 09471
methods which predict supersonic flow fields from body geometry, distance, and Mach number, study, 06873
predicting high-frequency stability characteristics of gaseous-propellant combustors, technique, 06877
predicting maintenance task difficulty and personnel skill requirements based on design parameters of avionics subsystems, 02823
statistical prediction of equilibrium temperature from standard meteorological data bases, 05326

Prediction–Con.
subpoint prediction for direct readout meteorological satellites, 05703
subsonic inlet lip geometry on predicted surface and flow Mach number distributions, effect, 06882
use of mathematical methods to predict epiphytotic disease, USSR study, 06789
Prefabricated building, *see* Buildings.
Premiums (life insurance), *see* Life insurance.
Preparedness, *see* Civilian defense–National defense.
Prescriptions:
National Institute of Law Enforcement and Criminal Justice prescriptive package series, 09431-4
prescription drugs not reimbursed by SMI, 10411
third party prepaid programs–
hearings, 05090
report, 07376
Preservation of materials:
historical and archeological data–
hearings, 04112
ruins stabilization in southwestern United States, 10334
Preservation of wood, *see* Wood.
President of United States:
choosing the president, special bibliography, 05964
code of Federal regulations, 10036, 11513
direct popular election, amend Constitution–
hearings, 07539
economic report, 1974–
report, 08348, 08354
economic report, extend time to file, law, 06190
emergency powers, define, review and manner of investigating mandate, 09954
energy statements, 05143
impeachment, constitutional grounds, 07433
impeachment, selected materials, constitutional provisions, impeachable offenses, etc.–
House committee print, print as House document, report, 03090, 03202, 08451
report, 00940
nine former Members of Congress who became President, markers locating desks in Statutory Hall, authorize, report, 06231
papers–
Garfield, James A., 05562
Nixon, Richard M., 10046
Wilson, Woodrow, 05563
pollution control, legal compilation, executive orders, 07772
President Nixon sets new Indian policies and goals, message to Congress on American Indians, July 8, 1970, 01297
Presidential documents, weekly compilation, 02755
Presidential impeachment–
analysis of constitutional standard–
constitutional grounds, 07433
investigation statement of information, hearings, 09098-9, 09845-6
summary, 05756
statement of information submitted on his behalf, hearings, 09090, 09092, 09095, 09097
Presidential inability and vacancies in Office of Vice President, selected materials on twenty-fifth amendment, 04155
Presidential properties, expenditures–
hearings, 08396
proclamations, enacted, 92d Cong., 2d sess., 03358
protection of the President at Key Biscayne and San Clemente, with information on protection of past Presidents, GAO report, 06692
removal of President Nixon from office would endanger economic life as well as all other phases of American government and society (address), 03973
state of the Union message from the President of United States, 00849
submission of recorded Presidential conversations to House Judiciary Committee, 07010
tax returns for 1969-72, examination–
report, 07381, 09163
veto message–
authorizing appropriations for United States Information Agency, 04154
war powers of Congress and the President, 04039
war powers of Congress and the President–
law, 04990
report, 03029
White House office staff support, authorization–
hearings, 10711
President's Advisory Panel on Timber and the Environment :
report, 00607
President's Commission on Assassination of President Kennedy:
records, inventory, 04633
President's Committee on Employment of the Handicapped:
appropriations, 1974–
hearings, 05112
performance (periodical), 02428
press releases, 02486
President's Committee on Health Education:
report, 10374
President's Committee on Mental Retardation:
PCMR message, 02423
President's Council on Physical Fitness and Sports:
newsletter, 02375
President's Environmental Merit Awards Program:
environmental exchange, beginning, 07734
President's National Commission on Productivity, *see* National Commission on Productivity and Work Quality.
President's Science Advisory Committee:
report of Panel on Youth, 04729
Presidential Campaign Activities, Select Committee on, Senate:
committee print, 04249
confer jurisdiction of certain civil actions by, on district court of District of Columbia–
law, 08338
hearings, 01050, 04250-3, 05176-80, 08505
report, 09171
supplemental expenditures authorize–
report, 10747
Press:
hunger 1973 and press reaction, 04244
reference aid–
abbreviations in Cambodian and Lon Press, 09389
abbreviations in Romanian press, 09392
Pressure:
blockage ratio on drag and pressure distributions for bodies of revolution at transonic speeds, effect, 06865

Pressure–Con.
cruise performance of isolated pressure ratio turbofan propulsion system simulator, 11656
distribution on vectored-thrust V/STOL fighter in transition-speed range, 08718
effects of flanges on pressure distribution in flow, separation of turbulent boundary layer on flat plate and on corrugated surface, 08719
effects on flame spread rate of plexiglas, nylon and teflon, 08073
flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
forecasting pressure variations at sea level during geomagnetic disturbances, USSR study, 04550
free-stream temperature, density and pressure measurements in expansion tube flow, 03598
gas requirements to pressurize abandoned deep mines, 00336
highly underexpanded sonic jet pressure ejecting from flat plate into subsonic cross-flow, 05615
increased partial pressure of oxygen on sympatho-adrenal and acetylcholine systems, effects, USSR study, 05535
inlet-air humidity, temperature, pressure on formation of oxides of nitrogen in gas turbine combustor, effect, 05625
interaction of some extreme-pressure type lubricating compounds with iron surface, 08067
measured pressure distributions on large-angle cones in hypersonic flows of tetrafluoromethane, air, and helium, 08059
methods which predict supersonic flow fields pressure distribution from body geometry, distance, and Mach number, study, 06873
modeling high-pressure-ratio centrifugal compressor using low-speed-of-sound gas, 00036
pilot model expansion tunnel text flow properties obtained from velocity, pressure, and probe measurements, 06862
pressure loss and flow coefficients inside turbine vane, 10226
pressure measurements on leading edge of swept wing at Mach 2.2, 11127
pressure sewer demonstration at borough of Phoenixville, Pa., 00341
pressure-surface film cooling tests of film-cooled turbine stator blade, 11106
screen-induced total-pressure distortion on axial-flow compressor stability, effect, 10225
structure of diamond films obtained from gaseous phase under low pressures, USSR study, 06767
strut fuel injectors for supersonic combustion pressure distribution, 08076
subsonic inlet lip geometry on predicted surface and flow Mach number pressure distributions, 06882
thermophysical properties of nitrogen from fusion line to 3500 R (1944 K) for pressures to PSIA, 08100
see also Atmospheric pressure.
Pressure measuring systems:
pressure gradient transducer, on relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
Pressure vessels:
irradiated pressure-vessel steels, Auger electron spectroscopy analysis of fracture surfaces, 10360
Pressurization:
pressurized fluidized-bed combustion process development and evaluation, 07745
regenerative pressurized fluidized-bed combustion process, evaluation, 10837
system used to measure minor atmospheric constituents from aircraft, 08739
Pretraining, *see* Training.
Prevention of accidents, *see* Accidents.
Preventive medicine, *see* Medicine.
Price Commission:
information for business executives, 02158
information for firms with retailing & wholesale interest, 02158
Price control, *see* Prices.
Price lists, *see* Government publications.
Price supports, *see* Prices.
Price-Anderson act, *see* Indemnity.
Prices:
agricultural prices (periodical), 01613
anatomy of price change, 10164
average retail prices of selected commodities and services, fall 1971, 05554
basis charts for southern lumber and plywood hedgers, 00405
chartbook on prices, wages, and productivity, 01715
consumer price index, city average and selected items, 01813
demand and price situation, 01870
food consumption, prices, expenditures, 05279
food price changes, 1973-74–
and nutritional status, 05172
reference materials, 07567
food price investigation–
hearings, 04129
gasoline price, determining effects on use of metals in automobile manufacture, 06838
increases for food and other consumer items–
hearings, 05008
inflation, on prices and wages and running amok, readings, 05193
information for business executives, firms, etc., 02158
measuring regional price change in urban areas, 07950
Northwest forest industries, 02501
oil price rollback legislation–
hearings, 09937
petroleum industry, market performance and competition, hearings, 09217
price freeze and its effect on–
agriculture, hearings, 04083
poultry, hearings, 04082
price index of new one-family houses sold, current construction reports, 01841
price list 27 for reappraisal of ships in maritime, river, and fishing fleets, Jan. 1, 1973, USSR study, 09385
prices, costs and margins of Florida oranges, fresh and processed, 08535
retail pricing of petroleum products–
hearings, 05122
specialized equipment, price list reappraisal as of Jan. 1, 1973, USSR study, 11001
sport market price indexes and prices, 02689
tung nut price support, continue–
law, 06182
wage and price controls, oversight on Economic stabilization act–
hearings, 08475

Prices–Con.
wage-price control and income policies, conference papers, 09439
we have been wrong again (address), 05959
wholesale price index–
summary, 02787
wholesale prices and price indexes, monthly, 02788
wholesale index numbers, 02148
see also Cost–Supply and demand.
Primates:
zoonoses, surveillance, annual summary, 00785
Primers (ammunitions):
Federal item identification guide, 05239
Primers (books):
Government contract claims, primer for small buiness, 05188
Primitive areas, *see* Wilderness areas.
Prince William Forest Park:
general information, 08150
Princeton University:
educational testing service, report on educational assistance programs for veterans, 09123
Printed circuits, *see* Circuits.
Printing:
duplicating and bookbinding equipment, Federal item identification guide, 11446
industry, union wages and hours, 08682
printing, duplicating, and bookbinding equipment–
Federal item identification guide, 07625
printing report, 01297
Prints:
commercial, catalog of copyright entries, 01056
use of illustrations of obligations & securities of United States & foreign governments, 01544
Priorities:
candidates and priorities for technology assessments, survey of State officials, 11698
congressional control and national priorities–
hearings, 07460, 07574
control expenditures and establish national priorities–
report, 01004
energy management and marketing priorities, 07326
foreign experience with monetary policies to promote economic and social priority programs, 09058
national priorities and budgetary process–
hearings, 06204
technology assessments, candidates and priorities, approach to priorities, 11188
Prisoners, see Prisons and prisoners–Political prisoners.
Prisoners of war:
Israeli, treatment in Syria and their status under Geneva conventions, hearings, 09076
missing in action in Southeast Asia–
hearings, 07400
relief and rehabilitation in Indochina one year after ceasefire, 07546
tax treatment of members of Armed Forces and civilian employees who are prisoners of war or missing in action, and amendments, 05098
United States prisoners of war and missing in action in Southeast Asia–
hearings, 07503
war claims of Vietnam conflict, American civilian internees–
hearings, 07419
report, 03182
Prisons and prisoners:
American penal system, revolutionary target–
report, 05039
corrections–
hearings, 07432
National Advisory Commission on Criminal Justice Standards and Goals, views and recommendations, 01386
Federal prisoners furlough, extend limits, hearings, 04126
Federal prisoners, limits of confinement, extend–
law, 04998
report, 04172
handbook of correctional psychiatry, 05760
inmate furloughs from Federal penitentiaries–
hearings, 05153
Island lantern (periodical), 02187
jail, its operation and management, instructors guide, 01536
ordering time to serve prisoners, planning and administering of work release, manual, 05552
prison inmate legal assistance, cases and materials, 07939
rehabilitating inmates of Federal prisons, special programs help, but not enough, GAO report, 06694
revolutionary activities directed toward administration of penal or correctional systems–
hearings, 04114-5, 08403
Prisons Bureau:
library book catalog, periodicals catalog, 10161
rehabilitating inmates of Federal prisons, special programs help, but not enough, GAO report, 06694
Privacy:
farmers Federal income tax, inspection of returns by Agriculture Dept., invasion of privacy–
report, 03057
Federal data banks and Constitutional rights, 10778
Federal employees privacy and rights, protect–
report, 10733
government looks at privacy and security in computer systems, 06915
Private enterprise, *see* Business.
Private express statutes, *see* Letters.
Private laws, *see* Law.
Private property, *see* Property.
Private schools:
elementary and secondary-schools, statistics, 04349
Privileges and immunities:
Government Printing Office, immunity in connection with printing, binding or other services for Public Printer, other officers, and employees–
report, 03175
Prizes, *see* Rewards (prizes, etc.).
Probabilities (mathematics):
atomic transition probabilities, bibliography, 05648
observed statistical behavior of radar moon echo signals, 11208
outline of Bayesian approach to EML multiple cloud seeding experiments, 00590

Probabilities (mathematics)–Con.
predicting conditional probability of frozen precipitation, 10320
random processes and fields, methods of representation and machine analysis, all-Union symposium, 08673
Rayleigh (radial normal) distribution with emphasis on CEP, torerance limits, 05746
reliable results from stochastic simulation models, 07830
solitary occupancy for unequal probabilities with application to doppler radars for ocean surveillance, 09576
tolerance limits for Maxwell distribution with emphasis on SEP (spherical probable error), 05747
Probation:
Federal probation (periodical), 01996
Federal system, persons under supervision, census, 07097
Probes:
cylindrical electrostatic probes at arbitrary incidence in flowing plasma, 09511
iterative methods for plasma-sheath calculations, application to spherical probe, 10236
magnetic probes and instrumentation of capacitive discharges, 05739
optimization of probe excitation for 2-probe measurement of refractive-index structure function constant of atmosphere, 04698
optimized video output from wide angle optical probe/television camera, 10501
pilot model expansion tunnel text flow properties obtained from velocity, pressure, and probe measurements, 06862
Problem solving:
conceptual problems in developing index of health, 11170
linear programing technique application to nonlinear minimax problems, 06860
numerical marching techniques for fluid flows with heat transfer, 06847
Procedures, *see* Administative management.
Process vessels:
modernization of nuclear standards, generalized procedures for use of plane strain and elastic-plastic fracture mechanics options, 08170
Processing (agricultural), *see* Agricultural processing.
Processors, *see* Electronic data processing systems.
Proclamations, *see* President of United States.
Proctors Creek:
floods, how to avoid damage, 11469
Procurement, *see* Armed Forces–Defense Department–Government contracts–Government supplies–Military supplies–Navy.
Procurement Policy Office, *see* Federal Procurement Policy Office.
Production:
American economy and you (address), 00081
American productivity as prime factor in maintaining strongest world economy (address), 00804
beef cattle production potential of set-aside land, 05281
chartbook on prices, wages, and productivity, 01715
concept and perspective (address), 10557
conference on agenda for economic research on productivity, 08185
Defense production act, amend–hearings, 11397
discussion on perfection of control, USSR study, 01345
electronics industry production and test equipment, export opportunities, global market survey, 10148
farm expenditures, 08242
Federal productivity–hearings, 11355
field production of tomato transplants in southern Georgia, research studies, 02819
increasing production essential to national progress (address), 00080
indexes, census of manufactures and mineral industries, 06078
industrial production and 18 major divisions, 1954-71, 05370
industrial production, 02155
Production:
information on Federal agencies having impact on production and marketing of meat, GAO report, 09342
intersectorial balance of USSR, economic-mathematical analysis of production and product distribution in economy, USSR study, 06788
National Commission on Productivity and Work Quality, objectives–report, 10619
Northwest forest industries, 02501
output, indexes per man-hour, selected indistries, 00526
productivity and technological innovation, bibliography, 06455
productivity and unit labor costs in 12 industrial countries, 05557
productivity in fishing industries, 04716
productivity in telephone communications, 07951
realities of our political economy (statement), 08328
research report, 02819-21, 04792
southern pulpwood production, 06671
sweet cherries, 05930
trends in world food supply and demand balance (address), 07656
U.S. commodity exports and imports as related to output, 08317
what's right with America (address), 03877
Production credit associations:
credit, key to control (address), 03846
Productivity, *see* Production.
Productivity, President's National Commission on, *see* National Commission on Productivity and Work Quality.
Products, *see* Commercial products.
Professional education:
national high blood pressure education program, professional education plan, 06938
Professional papers:
Geological Survey, 00437, 01263-6, 03412, 04473-8, 05432-6, 06700-7, 07860-3, 08615-6, 10088-9, 10947-9
Professional workers:
Government's motion for summary judgment concerning constitutionality of professional standards, review legislation, memorandum in support, 09926
manpower planning data, selected professional and administrative career fields, 05900
pay, national survey, 06807
professional, administrative, technical, and clerical pay, national survey, 04567
Professions:
Cuban Refugee Program, new way to meet professional manpower need, 11764

Professions–Con.
education professions, 1971-72, annual report, school library media field, manpower survey, 04346
education, professions development act, institutes, short-term training programs, 09978
professional standards review organizations, background material, PSRO's (professional standards review organizations), 09203
Profit:
energy windfall profits, excess profit tax proposals–
hearings, 06382
fishermen expectations and pay-lake profits, 06664
measurement of corporate profits, 07524
oil company profitability, 05132
southwest cattle ranches, organization, costs, and returns , 08276
Profit sharing:
private pension tax reform–
brief summary, 09861
report, 07378
emergency windfall profits tax, summary of testimony, 09863
Prognostication:
mechanical component failure prognosis study, 06014
Programmed instruction:
computer simulations of 3 adaptive instructional models for advanced instructional system, 09665
domestic programs fact book, 01889
experimental CMI system on the PDP 11/20, 07151
Federal use and development of advanced information technology, Federal information systems and plans, 09837
media adjunct programming, individualized media-managed approach to academic pilot training, 09676
Programmers:
FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial- or mixed-flow turbomachine, 09500
Programming, *see* Computer programs/programming.
Programming (computer), *see* Computer programs/programming.
Programming (mathematics):
application of dynamic programming to capital investment decision analysis, 10022
modeling and mathematization in psychology, USSR study, 00508
Programming (planning):
computer-produced timber forest management plans, program TEVAP, 08591, 10070
Programming languages:
CSSL, graphical CSSL, user's guide, 04702
static language analysis, 03645
symbolic algebraic language, introduction, 04704
Programs, *see* Federal assistance programs.
Project Apollo (man-in-space program):
Apollo experience report–
command and service module–
communications subsystem, 08077
electrical power distribution subsystem, 08741
milestone review process, 10247
command module crew-couch/restraint and load-attenuation systems, 03613
communications used during recovery operations, 11150
crew station integration, stowage and support team concept, 03611
data management for postflight engineering evaluation, 11148
development flight instrumentation, 08079
earth landing system, 04628
flight-control data needs, terminal display devices and ground system configuration requirements, 11149
manned thermal-vacuum testing of spacecraft, 08740
postflight testing of command modules, 01410
spacecraft structural windows, 03612
systems and flight procedures development, 01411
television system, 04632
thermal protection subsystem, 06897
Apollo 16, lunar photography index maps, 00539
Apollo 17, preliminary science, report, 09485
Apollo-Soyuz test project, 1974, status report, 09856
electrophoresis demonstration on Apollo 16, 11659
estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
reliability and quality assurance, Apollo experience reports, 01412
Project Armor obstacle 2:
cratering and obstacle effectiveness experiments, 06529
Project Drum Inlet:
explosive excavation in saturated sand, 06533
Project Foggy Cloud:
Project Foggy Cloud 4, warm fog modification by electrostatically charged particles, 08177
Project Gulf Q (maritime cumulus modification):
phase III, characterization of maritime cumulus clouds, 08179
Project Head Start, *see* Children.
Project management:
NASA, system and men, 11649
planning and executing capital projects under cost controls, acute care hospitals, 10799
role and functions of project evaluator, 07342
Project Skywater (atmospheric water resources program):
annual report, 09600
conference proceedings, review of conceptual plan for high plains cooperative program, 04723
snow survey phase, Colorado, 09612
Project Trinidad:
explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
explosive excavation tests in sandstone and shale, 05311
Projectiles:
correlation of new hypervelocity impact data by threshold penetration relations, 01405
projectile loader for research gas gun, 05738
Projectors, *see* Sound projectors.
Promotions:
attitudes of airmen toward weighted airman promotion system, 02824
development of E-2 weighted airman promotion system, 02825
evaluation of employees for promotion and internal placement, 01981
Federal merit promotion policy, 08323

Promotions–Con.
National Guard technicians, merit promotion program, 03660
Propagation:
low-frequency propagation in composite region of wedge and 2 parallel plates, 10357
numerical simulation of noise propagation in jet engine ducts, 04623
propagation of Loran-C ground and ionospheric wave pulses, 03989
review of propagation information needed for effective use of 1-to-40-GHz band, 08964
sound propagation in and radiation from acoustically lined flow ducts, 05609
Propellant tanks, *see* Tanks (containers).
Propellants:
ascent liquid-propellant rocket engine propulsion system of Apollo spacecraft, 08055
liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, program user's manual, 08021
predicting high-frequency stability characteristics of gaseous-propellant combustors, technique, 06877
two-phase liquid oxygen pumping or rocket propellant pumps experimental investigation, 06884
Propellers:
aircraft–
structural design and analysis, summary, 09683
type certificate data sheets and specifications, 01629
airworthiness standards, Federal aviation regulations, 01945
design procedures and data–
aerodynamic design and installation, 07179
summary, 07180
Property:
all residential properties, construction report, 02868
assessment, sales price ratios and tax rates, 1972 census of governments, 08904
civilian reuse of Defense installations, handbook for conversion process, 07649
corporate disclosure of ownership–
hearings, 10770-1
disclosure of corporate ownership, print as Senate document, authorize, report, 09768, 11419
disclosure of corporate ownership, subcommittee report, 06388
disposal of excess property, agreement with–
Australia, 08237
Government owned and leased real property overseas, some progress in improving management, GAO report, 08607
homeownership opportunities program for low-income families, program, GAO report, 08606
property taxes and urban blight, study, 01295
quarterly freight loss and damage claims reported by common and contract motor carriers of property, 02518
report, statement of record, 10124
sales and other dispositions of assets, tax information, 04518
valuation of donated property, 06745
see also Personal property–Public property–Real estate.
Propulsion:
AFOSR symposium on advanced propulsion concepts, proceedings, 05965
ascent propulsion system of Apollo spacecraft, performance analysis, 08055
cruise performance of isolated pressure ratio turbofan propulsion system simulator, 11656
liquid-fueled rocket engines, basic problems, USSR study, 01323
metallic diaphragms for positive fuel expulsion in Atmosphere Explorer hydrazine propulsion subsystem, 08062
nuclear, naval program, 1972-73, hearings, 06200
seeded gas laser heated thrusters as energy source for propulsion devices, 08035
Prosecutors, *see* Public prosecutors.
Prosperity:
free agriculture, basis of prosperity (address), 05939
Prostheses:
orthotic and prosthetic technicians, national apprenticeship and training standards, 03898
prosthetics research bulletin, 03826
Prosthetics, *see* Prostheses.
Protection Project in Allegheny County, Pa.:
general information, 06346
Protective covers, *see* Covers.
Protective equipment, *see* Safety equipment and appliances.
Proteins:
increasing crude protein content of forage, 04792
making fish protein concentrates by enzymatic hydrolysis, 01484
protein from petroleum, USSR study, 07931
Protocols:
disinfectants and sanitizing agents, standards for claims, and protocols needed to substantiate acceptable claims for efficacy, 08544
Protons:
cross sections of proton-nucleus interactions at high energies, 11202
intermediate energy proton-deuteron elastic scattering, 06863
proton-radiation damage in Gunn oscillators, 03604
Protozoa:
biological models of freshwater communities, 01150
ciliophora, marine flora and fauna of Northeastern United States, 01482
effects, on fate of particulate carbon, 00327
Protractors:
Bureau of Mines direct-reading azimuth protractor, 07974
Protuberances:
boundary layer trip protuberances in overexpanded rocket nozzles, procedure for calculation, 11119
Providence, R.I.:
area wage survey, 01358
Psittacosis:
annual summary, 00071
Psychiatric clinics, *see* Clinics.
Psychiatric institutions, *see* Mental institutions.
Psychiatric patients, *see* Mentally ill.
Psychiatry:
abstracts of completed research, Navy Medical Neuropsychiatric Research Unit, 06817
correctional psychiatry handbook, 05760
neurology-psychiatry in People's Republic of China, 07907
psychiatric rating scales, handbook, 05679
psychiatry in USSR, history and development, 00506
Psychoacoustics, *see* Noise.

Psychologists:
services covered by health insurance for Federal employees–
hearings, 00942
Psychology:
complex investigation of psychic states of man in indivual and group activity, USSR study, 01336
cybernetics and psychology, USSR study, 11565
fundamental of psychological analysis in preliminary investigation, USSR study, 06778
labor psychology and esthetics, USSR study, 11560
modeling and mathematization in psychology, USSR study, 00508
psychological problems in regulation of activity, USSR study, 05526
psychology of radar operators under combat conditions, USSR study, 11000
psychotherapist discusses autosuggestion methods, USSR study, 05520
social psychology and social planning, USSR study, 06776
see also Engineering psychology.
Psychometrics:
development of psychometric measures of student attitudes toward technical training, 07141
Psychmotor tests, *see* Mental tests.
Psychopharmacology:
abstracts (periodical), 02505
bulletin (periodical), 02506
bulletin, special issue, pharmacotherapy of children, 04667
Psychosis, *see* Mental disorders.
Psychosurgery:
Veterans Administration hospitals, psychosurgery for modification of behavior–
hearings, 05170
Psychotherapy:
psychotherapist discusses autosuggestion methods, USSR study, 05520
Psychotropic drugs:
control measures–
hearings, 09943
Public administration:
directory of public management organizations, guide to national organizations of State and local governments an associations of public officials with interest in public-employee-management relations, 06796
Public affairs, *see* Public Information.
Public assistance, *see* Public welfare.
Public Broadcasting Corporation:
appropriation authorization, extend–
law, 00099
appropriations, 1974–
hearings, 05113
law, 06160
report, 00992, 03077, 04077, 06322
Public buildings:
Brunswick, Ga. post office, designate Frank M. Scarlett Federal Building–
report, 06243
changes in law recommended to enable GSA to be more effective in selling excess properties and acquiring public building sites, GAO report, 07837
courthouse and Federal office building under construction in New Orleans, La. name for Hale Boggs–
law, 06178
report, 03081, 03193
Dallas, Tex., name Earle Cabell Federal Building–
law, 04997
Earle Cabell Federal Building, designate–
report, 03082, 03194
Geological Survey National Center under construction in Reston, Va., name for John Wesley Powell, 03080
New Orleans, La., designate F. Edward Hebert Federal Building–
report, 06244
pending building prospectuses, consideration–
hearings, 08509
Public contracts, *see* Government contracts.
Public debt:
increase in ceiling–
hearings, 00168, 04151, 04198, 09925
law, 04021
report, 09043, 09906, 10665
limitation–
extend, 00216
temporary increase, report, 03066, 03074, 03242
Treasury Department circular, 00705, 03807-11, 08258-9, 08872, 10475-6, 11275-7
Public Documents Department:
price list, 03716-8, 08818
Public employment, *see* Employment.
Public funds:
personal health care expenditures by State, 04732
Public health, *see* Health.
Public Health Service:
act, amend–
hearings, 04242, 07421, 07426, 09232
law, 04009, 04999
report, 02992, 03059, 03063, 05101, 08226, 08357, 09892, 10728
to develop and improve emergency medical services, report, 03156
appropriations authorizations, extend act–
hearings, 00939
CCPM pamphlet, 08819, 10377
cooperative State-PHS program for certification of interstate milk shippers, procedures governing, 06638
cooperative study, renal disease and hypertension, conference study, 00360
grants and awards, 1972 funds, 00579
grants and awards, 1973 funds–
general information, 00580
Food and Drug Administration, 09541
National Institutes of Health–
health manpower education, 09541
research contracts, 08137
training, construction, and medical libraries, 06965
grants policy statement, 11218
hospital closings prohibit–
report, 03167
PHS water pollution surveillance system applications and development report, 10381-7
physicians, careers, 08821
profile 1798-1948, 04676
programs, world of opportunities for physicians, 08819
programs, world of career opportunities, 10377
retirement pay and medical benefits for commissioned officers–
hearings, 01012
travel regulations–
uniformed service, 02191, 07634
Public housing, *see* Housing.

Public information:
collection of information by Government agencies, avoid undue delay by Office of Management and Budget in reviewing requests for permission to elicit, report, 03241
congressional request for information from Federal officials and employees, full and prompt production, sense of Congress—
report, 11413
congressional right to information from Federal officers, assure—
report, 06342
constitutional immunity of Members of Congress, legislative role of Congress in gathering and disclosing information—
hearings, 05002
direction, Navy Public Affairs monthly, 01886
executive privilege, secrecy in Government, freedom of information—
hearings, 03248, 09932
Federal agencies to keep congressional committees fully and currently informed—
hearings, 04206
Federal data banks and Constitutional rights, 10778
Federal Trade Commission's policies in promoting free flow of information on its activities as law enforcement agency (address), 08579, 10053
Freedom of information act, amend—
administration, report, 00907
amend, report, 11380, 11382
improve procedures and administration, report, 10635
freedom of information, executive privilege, secrecy in Government—
hearings, 05152
Government information, proper classification and handling involving national security—
hearings, 09817
Housing and Urban Development Department, public affairs officers, directory, 08624
information from farmers' income tax returns and invasion of privacy, 03057
information security program regulation, 07633
program information catalog of Federal assistance programs, create—
report, 03235
statement of information for investigation of grounds for Presidential impeachment—
hearings, 09098-9, 09845-6
statement of information submitted on behalf of President Nixon—
political contributions by milk producers cooperatives, 1971 milk price support decision, hearings, 09095
White House surveillance activities, hearings, 09097
Public Land Law Review Commission:
records, inventory of record group 409, 03625
Public lands:
Alaska native claims settlement, disposition of D-2 land set aside under act, hearings, 08401
available to State and local governments for park and recreation purposes—
hearings, 04210
classification for geothermal leasing program, 03438
code of Federal regulations, 06629, 09311
conservation programs on military and other Federal lands—
report, 10748
conveyance of certain public lands—
hearings, 04226
damage from forest practices or fluoride emissions—
hearings, 07414
delete acreage and site limitation for land conveyance to States, etc. for recreation and public purposes—
report, 03180
economic impact of leasing for development of oil shale industry in western Colorado—
hearings, 07525
game management on Federal lands—
hearing, 00152
grant rights-of-way across Federal lands for pipeline purposes—
law, 06152
report, 03076
mineral development on Federal lands—
hearings, 11436
nuclear stimulation of natural gas—
hearings, 05149
our public lands (periodical), 02410
public land coal leasing policy—
hearings, 00136
statistics, 03542
surveys, retracement and evidence, 07836
Public law 480, *see* Agricultural trade development and assistance act of 1954.
Public laws, *see* Law.
Public management, *see* Administrative management-Public administration.
Public opinion:
confidence and concern, citizens view American Government, survey of public attitudes, 07504
revenue sharing and taxes, survey of public attitude, 03831
Public opinion polls:
disclosure of certain polling information, requirements—
hearings, 05070
Public policy:
American capital markets, 07088
public policy issues in financing new energy capacity (remarks), 03370
Public Printer:
immunity in connection with printing, binding, or other service at Government Printing Office—
report, 03175
Public property:
control of Government property by contractors, guide, 11484
Federal property and administrative services act, amend, report, 09079
Presidential properties, expenditures—
hearings, 08396
public contracts and property management, code of Federal regulations, 00377 01215-8, 03351
Public prosecutors:
establish independent special prosecutor for Watergate investigation—
hearings, 05077
independent special prosecutor, appoint—
report, 04074, 06245, 06334
special prosecutor, duties and obligations—
hearings, 05161-2
Public relations:
public involvement and Forest Service, 07827
Public roads, *see* Roads and highways.
Public schools, *see* Elementary schools—Schools.

Public service:
careers, plan B (PSC-B), summary and evaluation, 10094
more effective public service, report, 09936
public sector labor relations information exchange publications, 06796
wastewater treatment plant operator, effectiveness evaluation of operator training conducted under PSC program, 11478
WIN/PSE, creating jobs in public service, 04574
Public Service Commission:
District of Columbia, Member, nomination of William R. Stratton–
hearings, 04196
Public utilities:
accounts, uniform system, 02713
cooperatives serving producers of agricultural products, credit eligibility–
hearings, 07464
holding companies, security transactions and holdings, 02397
records, preservation, regulations, 05365
Public water supplies, *see* Water.
Public welfare:
AFDC recipients, assessments completed and referrals to manpower agencies under work incentive program, 01664
aid to blind program, findings of 1970 AB study, financial circumstances, 05653
characteristics of State public assistance plans under Social security act, 00634
child care arrangements of AFDC recipients under work incentive program, 01717
children served by public welfare agencies and voluntary child welfare agencies and institutions, 03654
code of Federal regulations, 03352-3, 04414, 10042
disposition of public assistance cases involving questions of fraud, 1972 fiscal year, 01431
fair hearings in public assistance, statistical information, 04651, 10279
families with disabled parents under AFDC, 07033
Federal domestic assistance program, catalog, 01705
Federal Government's role in extending public assistance to all Americans living in poverty, 00179
initial payments under supplemental security income program, 08211
medical assistance financed under title XIX of Social security act, 02287
public assistance cases, reasons for discontinuing money payments, 02526
public assistance reports, 00634
public assistance statistics, monthly, 02507
public assistance–
applications, reasons for disposition other than by approval, 02527
money payments, State maximums, other limitations, and effect of Federal matching provisions, 01432
quality control SRS field investigation guide for State reviewers, 11765
recipients of public assistance money payments and amounts of such payments, by program, State, and county, 11681
rehabilitation of disabled public assistance recipients–
training resource, 08190
traning guide, 08191
social services and welfare reform, open executive session of Finance Committee, 04200
studies in public welfare–
family, poverty, and welfare programs, factors influencing family instability, 04034
family, poverty, and welfare programs, household patterns and Government policies, 06207
how income supplements can affect work behavior, 06208
labor market impacts of private retirement system, 04033
public welfare and work incentives, theory and practice, 09010
supplemental security income program, impact on current benefits and unresolved issues, 05011
training for Federal quality control review, 04731
welfare and pension plan legislation–
hearings, 08388
your right to Indian welfare, BIA general assistance program handbook, 07310
Public works:
appropriations, 1974–
hearings, 01015, 03245
appropriations, 1974, water and power development–
hearings, 00121, 01014-15, 03245
waiving points of order, report, 02969
appropriations, 1975 water and power development–
hearings, 09049, 09813-14, 10683, 11392
Engineers Corps, Army, 1972 report on civil works activities–
departmental edition, 09265
document edition, 09013
investment policy, strategy for balanced population growth and economic development, hearings, 08434
Public works and economic development act–
amend, proposal, 09745
qualified areas by States, 11452
qualified areas, under Public works and economic development act, 01083
river basin monetary authorization, 1973–
law, 08345
report, 03028, 03032, 08450
rivers and harbors, construction, repair and preservation for navigation, flood control, etc., authorize–
law, 08345
report, 03028, 03032, 08450
Public Works Committee, House:
calendar, 02219
committee print, 00157-9, 00160, 07445, 09855
committee rules, 93d Congress, 1973-74, 00157
hearings, 00162, 05081-3, 06306, 07446, 08427-32, 08434-7, 09111, 11403
investigations and studies, authorization and expenses, report, 10647
report, 00161, 03028, 03030-1, 03080-2, 03099, 05034, 06237-8, 06243-4, 06254-5, 09025, 09031, 10605, 10651
Public Works Committee, Senate:
calendar, 02238
committee print, 00242, 04258-9, 07572-3, 08433, 08513-6, 09240-2, 09965, 10796-8
hearings, 00240-1, 01052, 04254-7, 05181, 05183-4, 07571, 08479-80, 08506-12, 09963-4, 10790-5
report, 03138, 03185, 03190, 03193-4, 05102, 06335, 06338, 06346, 08448, 08450, 09140, 09142-3, 09166, 09880, 09897, 10722, 11416

Publications:
Eastern Regional Research Center, 00713, 08275
Federal Reserve Board, list, 05369
Federal Trade Commission, list, 05383
General Accounting Office, list, 05412, 09335
highlights of new federal consumer publications, new for consumers, 02364
National Bureau of Standards, 1972 catalog, 03639
Pacific Northwest Forest and Range Experiment Station, list, 1972, 04427
scientific and technical, format requirements, manual, 08546
Social and Rehabilitation Service, list, 11229
see also Government publications.
Publishing:
industry report, 02497
Puerto Ricans:
in United States, census of population, 00763
Puerto Rico:
census of population, 1970, characteristics of population, 06076
census portrait, 08935
Fair labor standards act application—hearings, 10691
freight rate problems of American carriers to Commonwealth (remarks), 04575
mineral industry, minerals yearbook chapter, 07983
precipitation data, hourly, 02127
registry of minority contractors and housing professionals, listings in selected cities, 00451
U.S. trade, monthly report, 02696
United States and Puerto Rico—mineral industry survey, 00536
Puget Sound:
pollutional effects of pulp and paper mill wastes, 10057
Preston story, 06527
Pulga quadrangle:
geology, Buttee and Plumas Counties, Calif, 08615
Pulmonary diseases:
twenty fifth annual symposium, Fitzsimmons General Hospital, Denver, Colo., 11306
Pulp:
atmospheric emissions from pulp and paper manufacturing industry, 06537
current industrial reports, 01846, 03945
domestic wastewater and NSSC pulp and paper mill wastes, treatment, 09282
industry report, 02513
kenaf leaf development and stem height, index of crop yield for paper pulp, 05956
Pulp mills:
color removal from Kraft mill effluents by ultrafiltration, 06565
wastes, pollutional effects in Puget Sound, 10057
Pulp wood, *see* Wood pulp.
Pulpboard:
cellulosic fiber insulating board, 08106
current industrial reports, 01846
hardboard siding, 09525
prefinished hardboard paneling, 10273
wallboard, Federal item identification guide, 04314
Pulpwood, *see* Wood pulp.
Pulsars:
bibliography, 04888
Pulse counters:
fast pulse processing for gamma-ray spectroscopy, 11073
Pulse transformers, *see* Electric transformers.
Pulse waves:
acoustic pulse waveforms, recovery using calculator-controlled signal processing, 10359
propagation of Loran-C ground and ionospheric wave pulses, 03989
Pulses:
reflection coefficients for computer simulation of Loran C/D pulse propagation transforms, 00084
susceptibility to microwave radiation, 04706
Pulses (seeds):
dried, foreign agriculture circulars, 02039
Pumice:
pumice and volcanic cinder, annual advance summary, 03562
Pumping:
two-phase liquid pumping experimental investigation, 06884
Pumping plants, *see* Pumps.
Pumps:
aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
condensing system pumps for air-cooled steam power plants, 07238
effect on dissolved oxygen concentration, preliminary report, 10382
Federal item identification guide, 01068
prediction of overall and blade-element performance for axial-flow pump configurations, 00547
pump acceptance test, Dos Amigos pumping plant, 05774
pumps start, auxiliary programmable governor for, 03729
pumps, liquid, general purpose, Federal item identification guide, 05219
regenerative blower/pumps from West Germany, Tariff Commission report, 11265
three bladed rocket pump inducer, investigations of 3 dimensional flow characteristics, 03579
vacuum, Federal item identification guide, 05212
Punches:
metal punching machines, single-end type, manually operated, from Japan, Tariff Commission report, 08251
Pupae:
emergence cage for soil-pupating Rhyacionia spp., 08590, 10069
Pupils (students), *see* Students.
Purchase of Products and Service of Blind and Other Severely Handicapped, Committee for:
appropriations, 1974—
law, 04987
report, 00910, 03035, 09139
appropriations, 1974, increase, authorization—law, 00093
appropriations, 1974 & 1975, authorization—hearings, 07408
appropriations, 1975—
hearings, 10685
digest, 01791
Purchasers, *see* Vendors and purchasers.
Purchasing:
beef roasts, how to buy, 05942
buying a car overseas?, 09992
buying lots from developers, 06714
consumer buying indicators, series, 06092
consumers' buying practices for selected vegetables, 07122

Purchasing—Con.
consumers' buying practices, uses, and preferences for fibers in retail piece goods, 05947
food buying guide for child care centers, 10930
food stamp facts, allotments and purchase requirements, 01235
how to buy food, lesson aids for teachers, 07109
how to buy surplus personal property from Department of Defense, 05261
marketing and procurement briefs for minority business community, 02277
should you rent or buy a house?—Spanish edition, 04493
simplified purchase procedures, hearings, 09079
used furniture can be good buy, 03862
Puschchino, Russian SFSR:
earth's future and research at biological study center, USSR study, 09393
Pyramid Lake:
water quality data from Truckee and Carson Rivers, Pyramid Lake, and Lahontan Reservoir, working paper, 08559
Pyrethrins, *see* Pyrethrum.
Pyrethrum:
barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
Pyrites:
flotation of pyrite from coal, pilot plant study, 01382
minerals yearbook chapter, 09465
Pyrolysis:
second-order effects in kinetics of oil shale pyrolysis, 11071
Pyrophyllite:
mineral industry surveys, 08009, 11077
Pyrotechnics:
study of role of pyrotechnic systems on space shuttle program, 00545

Q

Quality assurance:
Apollo experience report, reliability and quality assurance, 01412
procurement quality assurance for fresh dairy products, 03294
quality and reliability assurance handbook, 03294
quality service assurance approaches, computer networks, 06921
Quality control:
Federal quality control review, training, 04731
practices in processing air pollution samples, 03880
quality control in medical X-ray, 07012
quality service assurance approaches, computer networking, 06921
SRS field investigation guide for State reviewers, 11765
Quality Health Care Commission:
establish—report, 02992
Quantitative analysis:
quantitative understanding of explosive stimulus transfer, 04609
Quantum electronics:
rf power and attenuation using superconducting quantum interference devices measurement, 01423
Quarantine:
citrus blackfly, proposal—hearings, 05047
see also Plants.
Quarpel (quartermaster water-repellent clothing, military), *see* Textiles.
Quartz:
quartz crystal unit, Federal item identification guide, 08523
standard quartz curvettes for high accuracy spectrophotometry, 06914
Quebec, Canada:
hydraulic model studies, low-level outlet works, LG-2 development, Quebec, 08826
Quello, James R.:
nomination—hearings, 08478
Quinaldine:
residues in fish following anesthetia, 05810, 05812
Quinaldine sulfate:
anesthesia for fish—efficacy, 05810, 05812
preparation, properties, and efficacy, 05810
residue of quinaldine in fish following anesthesia, 05810, 05812
toxicity to fish, 05810, 05812
Quit rates, *see* Labor turnover.
Quorum:
amend House rules regarding making of points of no quorum—report, 08365

R

Rabbit Hill limestone, *see* Limestone.
Rabbits:
chemical compounds authrozied for use under USDA poultry, meat, rabbit, and egg products inspection programs, list, 05986
Rabies:
surveillance, Center for Disease Control, summary, 02524
Race problems:
Cairo, Ill., racism at floodtide, 04947
Federal Aviation Administration, nondiscrimination in federally assisted programs, FAA regulations, 01943
your housing rights, live where you want to live, 10980
see also Discrimination in employment.
Races of man:
blood pressure levels of children 6-11 years, relationship to race, 06931
Racing:
horse racing commemorative stamp (poster), 10480
organized crime in sports (racing)—report, 04047
Racks:
Federal item identification guide, 06424
Radar:
acoustic radar investigations of boundary layer phenomena, 10210
algorithm of operator activities in process of target classification on radar scope, USSR study, 05523
automated radar terminal system, 03331
backscattering from two-scale rough surface with application to radar sea return, 03591
circuit implementation of Spearman rho rank detector for scanning radars, 11704
curvature-corrected Kirchoff formulation for radar sea-return from near vertical, 10205

Radar–Con.
development of range squared and off-gating modifications for lidar system, 06561
FM/CW radar signals and digital processing, 06980
geologic structure analysis using radar imagery of coal mining area of Buchanan, 08005
internal RAREP, radar report, and warning coordination system (RAWARC), 11699
lidar studies of stack plumes in rural and urban environments, 06552
low-radar-cross section OH-6A helicopter tail rotor blade, 11305
NWL precision ephemeris, 05744
operational evaluation of ARTS 2 radar alphanumeric display subsystem (RADS), 11258
proposed versatile photon counter system for laser radar, 03906
radar in weather modification and hail control, USSR study, 03500
radar moon echo signals, observed statistical behavior, 11208
radar rainfall pattern optimizing technique, 11692
resolution of point scatterers by hard-limited synthetic aperture radar, 03692
slant range visibility measurement for aircraft landing operations, 11785
tests of Vega aircraft radar enhancing system (VARES), 11787
weather radar, introduction, 08808
weather radars, Federal plan, 06972
see also Doppler radar.
Radar display system, *see* Display systems.
Radar operators:
psychology of radar operators under combat conditions, USSR study, 11000
Radial flow, *see* Flow.
Radiant energy:
effective absorbed energies for radionuclides, 06046
energy and radiation models, NBS corridor fire tests, 06919
narrow energy band filters for a 250 kv constant potential X-ray machine, 09699
sea surface energy and temperature analysis, USSR study, 05541
Radiant heating:
radiant panel test for flooring materials, development, 08754
Radiation:
accelerator radiation protection, 04845
acoustic radiation patterns for source in hard-walled unflanged circular duct, 06868
atlas of RF mouse pathology, disease descriptions and incidences, 06056
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
Auger-electron spectroscopy analysis, fracture surfaces, irradiated pressure-vessel steels, 10360
comparison of measured and calculated radiation exposure from boiling water reactor plume, 07232
complex effects of radiation for moving soruces in plasma, USSR study, 01344
determinations of radiation dose to active bone marrow from diagnostic X-ray examinations, 05767
dosimetry at cryogenic temperatures using thermoluminescence, 04836
energy and radiation models, NBS corridor fire tests, 06919
Federal recordkeeping requirements for microwave oven dealers and distributors, 05386
finite element method for thermal analysis, 06857
health-related laser characteristics for selected applications in U.S., 09597
high voltage photocells at low radiation intensities, investigation, USSR study, 03498
irradiated stainless steels, J-integral characterization, 04697
irradiation, experiment of sodium bond carbide fuel in Rapsodie fast reactor, 06036
irradiation of broken pin in sodium circuit, 09689
irradiation of 80 and 85 percent fuels in Rapsodie, 07208
irradiation sterilized meats, cooking procedures and recipes, 04834
measurement of environmental radiation exposure rates by high pressure argon ionization chamber systems, 02854
mechanical properties of Rapsodie clads and hexagonal wrappers, steel swelling, 07210
nonionizing radiation measurement capabilities, State and Federal agencies, 00608
nuclear, effects on high-reliability silicon power diode, analysis of reverse bias characteristics, 04625
optical radiation measurements–
photometric integrating sphere, approximate theory, 08758
radiometry and photometry, present state, 08757
potential radiological health effects from radon in natural gas, 08188
protection, progress, 01233
proton-radiation damage in Gunn oscillators, 03604
radar and scattering by thin-wire structures in complex frequency domain, 11088
radiation characteristics of atmosphere and earth's surface, 11158
Radiation control for health and safety act–hearings, 01022
radiation data and reports (periodical), 02525
radiation installations at Tomsk Polytechnical Institute, 05534
radiation-sterilization of food, statistical analysis, 04854
Skylab experiments, astronomy and space physics, information for teachers, 04613
sound propagation in and radiation from acoustically lined flow ducts, 05609
spectral identification of compounds formed by nuclear radiation in air for remote fallout survey, 03900
sterilized fish items, development, 04837
stimulated coherent radiation devices, lasers, industrial plant equipment handbook, 05203
swelling of steel OKh18N9T, USSR study, 04545
trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
visible radiation polarization measurements from satellite, development of experiment, 06844
see also Cosmic rays–Electromagnetic radiation–Gamma rays–Heat transfer–Infrared rays–Radiant energy–Radio waves–Radioactivity–Shielding–Surface–Thermal radiation.
Radiation biology, *see* Radiobiology.

Radiation chemistry, *see* Radiochemistry.
Radiation detection instruments:
nuclear meter for monitoring sulfur content of coal streams, 08011
Radiation emission:
comparison of measured and calculated radiation exposure from boiling water reactor emission plume, 07232
emitted radiation polarization for scanning microwave radiometer, dependence of antenna temperature, 06981
Radiation environment, *see* Environment.
Radiation exposure, *see* Radiation.
Radiation illness:
all Union conference, pharmacology of antiradiation preparations, 07223
Radiation transfer:
in spectral lines, 09516
Martian thermal boundary layers, subhourly variations induced by radiative-conductive heat transfer, 03587
Radiators:
caps, Federal item identification guide, 07601
Radiators (spacecraft):
flight-type laminar radiator with Brayton power system, 08738
Radio:
AM and FM broadcast capability, require for interstate commerce and imported radios–
hearings, 10762
home radios, Federal item identification guide, 06437
musical instruments, phonographs and home radios, Federal item identification guide, 03268
radio remote control garage door openers, workers of Chicago, Ill., plant of Chamberlain Manufacturing Corp., Tariff Commission report, 11264
Radio amplitude modulation, *see* Amplitude modulation.
Radio apparatus and appliances:
radio navigation equipment, Federal item identification guide, 00272
specialized equipment, price list reappraisal as of Jan. 1, 1973, USSR study, 11001
see also Receivers (radio).
Radio broadcasting:
applications, FCC, report, 01953
broadcast actions, report, 01953
Broadcast license renewal act–
report, 08366, 10655
call signs, new or modified, FCC report, 01953
establish guidelines for broadcast license renewals (address), 01197
experimental, auxiliary, and special services, FCC rules and regulations, 01957
Foreign Broadcast Information Service, monitoring premises and installations, agreement with Paraguay, 03776
Federal paperwork burden on small securities broker-dealers–
report, 11431
high seas storm information service, 08807
in standard broadcast band, agreement with Mexico, 03782
noncommercial educational television and radio broadcasting facilities, construction grants–
law, 00099
services, FCC rules and regulations, 01957
there's brand new language, notes for broadcasters, 08222
time and frequency broadcast experiments from ATS-3 Satellite, 06918
worldwide marine weather broadcasts, radiotelegraph and radiotelephone broadcasts, etc., 08162
Radio communication:
amateur service, FCC rules and regulations, 01960
applications, FCC, reports, 01953
aviation, public safety, industrial, and land transportation services, FCC rules and regulations, 01959
citizens radio service, FCC rules and regulations, 01960
digital mobile, investigation, 08678
domestic, public services, FCC rules and regulations, 01961
equipment, Federal item identification guide, 05237
experimental services, FCC rules and regulations, 01956
industrial, scientific, and medical services, FCC rules and regulations, 01956
international fixed public services, FCC rules and regulations, 01961
land mobile radio systems, use of magnetically encoded cards and digital transmission, 03987
promotion of safety on Great Lakes by menas of radio, agreement with Canada, 00186
radio communications between amateur stations on behalf of third parties, agreement with Guatemala, 03774
radiotelegraph carriers, uniform system of accounts, FCC rules and regulations, 01963
safety and special radio services, FCC applications and actions, report, 01953
treaty matters, FCC rules and regulations, 01956
see also Federal Communications Commission.
Radio Day:
all-Union Radio Day scientific meeting, 01338, 09428-9
Radio equipment, *see* Radio apparatus and appliances-Radio communication.
Radio Free Europe:
appropriations, 1974, authorize–
law, 02950
report, 03004
Radio frequencies:
allocations, FCC rules and regulations, 01956
devices, FCC rules and regulations, 01956
improved radiofrequency power standards, 07216
manual of regulations and procedures for radio frequency management, 02272, 04752-3, 10467
metrics for spectrum-space usage, 04974
radio frequency and microwave electromagnetic fields effect on enzyme-substrate reaction in aqueous solutions and organic solvents, USSR study, 09409
rf power and attenuation using superconducting quantum interference devices, measurement, 01423
time and frequency broadcast experiments from ATS-3 satellite, 06918
X-band point-contact diodes susceptibility to microwave radiation, 04706
Radio frequency modulation:
FM/CW radar signals and digital processing, 06980
radios in interstate commerce or imported, AM and FM broadcast capability, require–
hearings, 10762

Radio frequency modulation–Con.
VHF-FM continuous weather broadcasts, worldwide marine weather broadcasts, 08162
Radio in navigation:
en route position and time control of aircraft using Kalman filtering of radio aid data, 05634
radio navigation equipment, Federal item identification guide, 00272
Radio indicator control:
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
Radio Liberty:
appropriations, 1974, authorize–
report, 03004, 03011
law, 02950
Radio navigation, *see* Radio in navigation.
Radio operators:
commercial, FCC and regulations, 01955
Radio receivers, *see* Receivers (electronic).
Radio services, *see* Radio communications.
Radio signals:
communications during Great Patriotic War, USSR study, 11022
scattered by rain, experimental study of temporal statistics, 00810
Radio stations:
broadcast license renewal–
hearings, 04119-20
maritime services on land, shipboard, etc., FCC rules and regulations, 01958
naval communications station design, naval shore electronics criteria, 08810
Radio telescopes:
designing of large mirror radiotelescopes, problems, USSR study, 00497
Radio waves:
FR/CW radar signals and digital processing, 06980
molecular attenuation and phase dispersion between 40 and 140-GHz for path models from different altitudes, 00806
propagation of Loran-C ground and ionospheric wave pulses, 03989
sea surface energy and temperature analysis, USSR study, 05541
susceptibility of X-band point-contact diodes to microwave radiation, 04706
winter anomalous radio wave absorption days at 32°N latitude and prevalent solar radiation, 04827
Radioactivation analysis:
14 MeV neutron activation source to determine fluorine content in quarpel-treated fabrics, 04835
Radioactive isotopes, *see* Isotopes.
Radioactive substances:
environmental survey of transportation of radioactive materials, 00752
formation of radioactive particles in nuclear explosions, USSR study, 00502
radioactive materials, packagings for transportation, directory, 06066
Radioactive tracers:
pulse method of evaluating fracturing of underground oil shale formations, 05598
Radioactive waste disposal:
decontamination, USSR study, 09397
high-level radioactive waste management alternatives, 10528
radioactive material in light-water-cooled nuclear power reactor effluents, proposed rule making action, 00753-5
radioactive waste management, bibliography on AEC's Oak Ridge, Tenn., site, 04891
space disposal of radioactive nuclear waste, 10216
Radioactivity:
assessment of environmental radioactivity in vicinity of Shippingport Atomic Power Station, 07011
Environmental Radioactivity Laboratory intercomparison studies program, 09994
fallout, Health and Safety Laboratory program, quarterly summary–
appendix, 03925, 04884, 10519
report, 03924, 06041
optimum wind soundings and Army fallout prediction accuracies, 03904
shipping high-level nuclear wastes, everything you always wanted to know, 06061
spectral identification of compounds formed by nuclear radiation in air for remote fallout survey, 03900
standards distribution program, 09993
Radiobiology:
and radioecology of farm animals, 08300
effects of non-ionizing electromagnetic radiations, USSR study, 11004
USSR periodical, translations, 03923, 07203, 08895, 10517-8, 11308
Radiochemical analysis:
initial-stage sulfuric acid leaching kinetics of chalcopyrite using radiochemical techniques, 07994
Radiochemistry:
chemical reactions, 06905
radiation chemistry of ethanol, 09514
radiation chemistry of gaseous ammonia, 06910
radiation chemistry of nitrous oxide gas, primary processes, elementary reactions and yields, 06905
radiochemical separation procedures for As, At, Be, Mg, Ni, Ru and Se, 09701
Radioecology:
national symposium, radionuclides in ecosystems, proceedings, 00748
radiobiology and radioecology of farm animals, 08300
Radioisotopes, *see* Isotopes.
Radiological health, *see* Health.
Radiological Research Laboratory, Columbia University:
annual report on research project, 04883
Radiology:
hospital services for selected chronic disease patients, 07874
physics of diagnostic radiology, 11759
Radiological Research Laboratory, Columbia University, annual report on research project, 04883
see also Medical radiology.
Radiometers:
extratropical cyclone with Nimbus 3 medium resolution infrared radiometer data, multispectral study, 06854
scanning microwave radiometer, dependence of antenna temperature on polarization of emitted radiation, 06981
toward RADSCAT measurements of winds over sea and their interpretation, 03592
transfer function for AAFE composite two-frequency radiometer scatterometer RADSCAT, 08027

Radiometry:
ITOS scanning radiometer data, operational products, 06975
radiometric gages, bibliography, 04890
radiometry, present state, 08757
Radionuclides:
bibliography of medical uses of technetium-99m, 1965-71, 04885
distribution in Columbia River streambed from nuclear reactors, Hanford Reservation to Longview, Wash., 08612
effective absorbed energies for radionuclides, 06046
in ecosystems, 3d national symposium on radioecology, proceedings, 00748
monitoring radionuclides in reactor effluents, 09287
Radiosondes:
observation, Federal meteorological handbook, 06122
Radiosterilization:
radiation sterilized fish items, development, 04837
Radiotelegraphy, *see* Radio communications.
Radiotelescopes, *see* Radio telescopes.
Radiowaves, *see* Radio waves.
Radon:
activated carbon canisters for radon protection in uranium mines, evaluation, 09700
RADSCAT (radiometer-scatterometer sensor), *see* Sensors.
Rail terminals, *see* Two Terminals (transportation).
Railroad accidents:
all line-haul and switching and terminal companies, summary, 02629
investigation report, 00627, 10401
investigation summary reports, 01542-3, 03731, 07020-1, 08197-8, 10402, 11223
railroad employee accident investigation report, 00628, 03732-405779, 07022-4, 08199-200, 11224-5
summary and analysis of accidents on railroads in United States, calendar year, 00626
Railroad cars:
Rolling stock utilization and financing act—
analysis, 10706
Railroad employees:
medicare for railroad workers and their families, 00610, 08822
railroad employee accident investigation report, 00628, 03732-4, 05779, 07022-4, 08199-200, 11224-5
railroad retirement and unemployment insurance programs, benefit statistics, monthly, 02308
railroad retirement changes, retirement, survivor, medicare, 00611
railroad retirement tax tables, Oct. 1973 through Dec. 1974, 00612
Railway labor act, legislative history, 1926-66, 09950
retirement act amend to revise certain eligibility conditions for annuities—
hearings, 01024
retirement act and retirement tax rates revise annuity eligibility conditions—
law, 00841
retirement and survivor benefits for workers and their families, 08823
retirement and unemployment insurance acts text as amended, 07015
retirement and unemployment insurance systems, informational conference handbook, 00609
retirement, background materials, 00233
retirement, temporary benefit increase, extension—
law, 00841
service and taxable compensation, 1971, statistical tables, 00613
service and taxable compensation, 1972, statistical tables, 09599
sickness benefits, 00614
unemployment benefits, 00616
wage statistics, class I railroads, 05502, 10982
Railroad equipment, *see* Railroad supplies.
Railroad retirement act, *see* Railroad employees.
Railroad Retirement Board:
annual report—
departmental edition, 09598
document edition, 09023
statistical supplement, 00615, 10393
appropriations, 1974—
hearings, 05113
law, 06160
report, 00992, 06322
quarterly review, 02560
railroad retirement and unemployment insurance programs, benefit statistics, monthly, 02308
Railroad supplies:
railroad equipment industry, occupational employment, 11586
Railroads:
class I, financial and operating statistics, 05495-6
class I, freight commodity statistics, annual report, 06760
Federal railroad safety act, amend—
law, 00103
industry restructuring proposal, 08497
Interstate commerce act amend for certain rate adjustment procedures—
hearings, 01024
Interstate commerce act, committee print, 10706
Midwest and Northeast, maintenance of adequate and efficient services, authorize—
report, 05099
northeast rail transportation, proposals to alleviate problems—
hearings, 00141-2
northeastern railroad transportation crisis—
hearings, 06373
private car lines, statistics in United States, 03489
Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
rail freight service costs, formula for use in determining, 05497
Rail passenger service act of 1970, amend—
hearings, 07470
law, 04989
report, 02979, 03048
rail service in Midwest and Northeast region, Secretary of Transportation report, 04754-6
rail transport of solid wastes, 11737
regional rail reorganization act—
law, 06191, 06194
report, 03072, 03075, 06351
St.Louis helicopter project, cooperative effort among 14 railroad police departments, 08256

564-800 O - 75 - 26

Railroads–Con.
will train meet grain? picture story, 05951
see also High-speed ground transportation–Railroad employees.
Rails (birds):
hunting, possession, transportation and importation, Federal regulations, 00656
hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
Railway labor act, *see* Railroad employees.
Rain:
hydrologic conditions during 1971 in Dade County, Fla., 01257
radar rainfall pattern optimizing technique, 11692
radio signals scattered by rain, experimental study of temporal statistics, 00810
rainfall guide for Tennessee Valley loggers, 10472
rainfall-runoff data for small drainage areas of Missouri, 04479
storm events in 5-minute increments from Missouri rainfall stations at Kansas city, Saint Louis, Springfield, and Columbia, 04481
water resource, general information, 08617
see also Precipitation.
Rain gages, *see* Precipitation gages.
Rainfall, *see* Rain.
Rainy River:
design for tomorrow, 00655
Raleigh, N.C.:
area wage survey, 10163
Ramapo River:
basin, New Jersey part, water resources, 03418
Ramjet engines, *see* Engines (aircraft).
Ranches:
costs and returns–
migratory sheep ranches, Utah, Nev., 03307
northwest cattle ranches, 03308
southwest cattle ranches, 08276
Randolph-Sheppard act, *see* Blind.
Random processes, *see* Probabilities (mathematics).
Range finding:
slant range visibility measurement for aircraft landing operations, 11785
Range lands:
extimating understory plant cover with rated microplots, 00416
forest and rangeland environmental management act–
hearings, 06266
important native grasses for range conservation in Florida, 11233
increasing crude protein content of forage, 04792
range resources, plant morphogenesis as basis for scientific management, 05948
Rangelands, *see* Range lands.
Ranging systems, *see* Sonar.
Rank:
Spearman rho rank detector for scanning radars, cirucit implementation, 11704
Rankine cycles:
Rankine cycle engines, condenser and fan development, 11475
transmission study for turbine and Rankine cycle engines, 03884
Rapid City, S. Dak.:
consolidation synthetic gas pilot plant, design and construction, 07316
flood plain information, Rapid Creek, 01117
Rapid Creek:
flood plain information, Rapid City, S. Dak., 01117
Rapid transit, *see* Local transit.
Rapsodie, *see* Reactors (atomic).
Rare earths:
catalytic activity of rare-earth oxides for oxidation of hydrogen, 05601
compounds of rare earth metals with cobalt as materials for permanent magnets, USSR study, 05504
elements, thermochemistry of compounds, 08299
Rarefied gases, *see* Gases.
Raritan Bay:
and adjacent interstate waters, pollution, conference proceedings, 10824
pollution of interstate waters, conference report, 09322-3
Rate computations, *see* Numerical calculations.
Rates, see Air carriers–Electricity–Insurance–Telephone–Freight rates.
Rating scales:
psychiatric rating scales, handbook, 05679
Ratings:
ear protector, ratings, 11312
noise measurements, standards, rating schemes, and definitions, 03641
see also Efficiency ratings.
Ratio and proportion:
modeling high-pressure-ratio centrifugal compressor using low-speed-of-sound gas, 00036
ratio's of empty to loaded freight car-miles, 05499
Rations:
microbiological requirements and methodology for food in military and Federal specifications, 04853
Raton, N. Mex.:
York Canyon coal mine, field studies on unsupported roof, 11069
Rats:
air saturation diving with rats, EEG and visually evoked cortical response, 07958
compression-decompression schedule for producing dysbaric stress in mature rats, 06825
dermatomycosis in colony of Long-Evans rats, 04840
method for recording and analyzing EEGs and VERs from rats under hyperbaic conditions, 06824
Raw materials:
effect of raw material properties, removal of sulfur from coal by treatment with hydrogen, 04960
see also Strategic materials.
RAWARC (radar and warning coordination, teletypewriter circuit), *see* Warning systems.
Rawhide Creeks:
flood plain information, 07688
floods, 06518
Rawinsonde:
investigation of errors introduced into meteorological calculations through use of hypsometric equation, 03902
on indirect pressure estimation from measurements of height and temperature, 03903
some climatological characteristics of seedable upslope cloud systems in High Plains, 03669
Rayleigh process, *see* Probabilities (mathematics).
Rayleigh scattering, *see* Scattering.

Rays (fishes):
capacities of electroreceptor system of Black Sea rays to perceive magnetic field, USSR study, 09412
REA, *see* Rural Electrification Administration.
Reaction kinetics, *see* Kinetics.
Reaction time, *see* Discrimination reaction.
Reactions (chemical), *see* Chemical reactions.
Reactions (nuclear), *see* Nuclear reactions.
Reactions (physiological), *see* Physiological reactions.
Reactor fuel elements:
fast fuel elements, codes and means of evaluating performance, 07207
Reactor fuels:
behavior of Rapsodie reactor fuel elements in 1971-72, 09692
deformation of fuel subassemblies hexagonal wrappers due to stainless steel swelling, 07205
environmental analysis of uranium fuel cycle—
fuel supply, 05762
nuclear fuel reprocessing, 05764
nuclear power reactors, 05763
examination of oxide-clad reactions in experiment G5 with high burnup, 07209
fabrication of clad tube for fast reactor fuels, 09693
fossil-fueled and nuclear generating plants, economics of use of surface condensers with dry-type cooling systems, 07237
irradiation experiment of sodium bond carbide fuel in Rapsodie fast reactor, 06036
irradiation of 80 and 85 percent fuels in Rapsodie, 07208
LMFBR fuel and blanket assembly design, review of studies, 07227
plutonium fuels technology, research and development programs, 09695
tantalum-alloy-clad uranium mononitride fuel specimens, evaluation, 10251
tests of fuel assemblies under sodium in Na3 loop of CEN/SCK-Mol, 09691
Reactor power plants, *see* Nuclear reactor power plants.
Reactor safety, *see* Safety of life.
Reactors (atomic):
anticipated transients without scram for water-cooled power reactors, technical report, 06063
behavior of Rapsodie reactor fuel elements in 1971-72, 09692
boiling water reactor, full length emergency core cooling heat transfer (BWR-FLECHT) tests project final report on atmospheric pressure stainless steel experiments, 07212
comparison of measured and calculated radiation exposure from boiling water reactor plume, 07232
compatibility of refractory materials for nuclear reactor poison control systems, 08045
coolant mixing in LMFBR rod bundles, 06037-8
deformation of fuel subassemblies hexagonal wrappers due to stainless steel swelling, 07205
fabrication in France of plutonium and enriched uranium fast reactor cores, 07204
fabrication of clad tube for fast reactor fuels, 09693
fast fuel elements, codes and means of evaluating performance, 07207
fast reactor, problems of sodium removal and deactivation of circuits and components, 02842
gas cooled reactor technology, bibliography, 06052-3, 10520-3
gas-cooled reactors, HTGR and GCFBR, American Nuclear Society meeting, proceedings, 11310
graphite-carbide fuel for high temperature reactors, investigations on reprocessing, 02843
hot-flow problems related to gas core reactor, simulator tests to study, 06845
irradiation experiment of sodium bond carbide fuel in Rapsodie fast reactor, 06036
light water reactors, plutonium utilization on performance, effects, technical report, 08307
liquid metal fast breeder reactors, bibliography, 07239
LMFBR fuel and blanket assembly design, review of studies, 07227
LMFBR, liquid metal fast breeder reactor, proposed changes in basis for cooperative arrangement—
hearings, 06201
materials performance in operating nuclear systems, symposium, 00749
nuclear reactor thermal transients during start-up of 60-KWe Brayton power conversion system, digital computer study, 08720
nuclear reactors built, being built, or planned in U.S., 00751
plutonium-238 production in commercial water reactors, 06051
radial blanket and shield simulation experiments, 09704
radioactive material in light-water-cooled nuclear power reactor effluents, proposed rule making action, 00753-5
radionuclides distribution from nuclear reactors, Columbia River streambed, Hanford Reservation to Longview Wash., 08612
Rapsodie, clads and hexagonal wrappers, mechanical properties, steel swelling, 07210
Rapsodie, irradiation of 80 and 85 percent fuels, 07208
reactor effluents, monitoring radionuclides, 09287
reactor safety, literature search, 06054
simplified approach for predicting temperature distribution in wire wrapped LMFBR fuel assemblies, 07228
split-core, heat-pipe cooled nuclear reactor, development concept, 10223
technology of controlled thermonuclear fusion experiments and engineering aspects of fusion reactors, 11309
tests of fuel assemblies under sodium in Na3 loop of CEN/SCK-Mol, 09691
title listing of power reactor docket literature in nuclear science abstracts, 04889
Reading:
Air Force reading improvement programs, analysis, 07150
if America is to grow up thinking, reading is fundamental, 10407
national assessment of educational progress—
drawing inferences, reading, 01092
gleaning significant facts from passages, 01091
released exercises, 01093
rapid reading, 05290

Reading–Con.
reading, emphasis programs, authorize–
hearings, 00236
recipes, wrappers, reasoning and rate, digest of first reading assessment, 10809
RIF (Reading is fundamental) newsletter, 02553
right to read, series commissioned by National Reading Center, 05290
right to read, target for the '70s, 07667
right-to-read program, 09262
Reading machines:
scientific documents in machine-readable form, complete clear text representation, 08105
Ready Reserve, *see* Reserve components of Armed Forces.
Reagents:
various, comparison proposed for use in Winkler procedure for dissolved oxygen, 10384
Real estate:
competition in real estate and mortgage lending–
hearings, 00229, 05151
farm real estate taxes, recent trends and developments, 06476
FHA home property appraisals, questions and answers, 08632, 10123
financing schools and property tax relief, State responsibility, 00001
guide for reviewing subdivision plans, 00640
home mortgage insurance for outlying area properties, 07885
HUD activities under Uniform relocation assistance and real property acquisition policies act, 10962
minimum property standards, HUD–
care-type housing, 06727
multifamily housing, 06726, 07803, 10905-6
one and two family dwellings, 06725
one and two living units, 10904
mortgage credit analysis for mortgage insurance on 1-4 family properties, HUD handbook, 05453
one housing unit owner occupied properties, construction report, residential alterations, and repairs, expenditures, etc., 04915
owned by U.S. throughout world, inventory report, 11534
property acquisition for Capitol grounds extension–
hearings, 08507
property disposition handbook 1-4 family properties, 01293, 06719, 09360
property values, benefit of water pollution control, 04383
residential alteration and repair, expenditure, etc., construction report, 02868
settlement costs in federally mortgaged transactions, regulate–
hearings, 08387
see also Farms.
Real property:
property disposition handbook 1-4 family properties, 01293, 06719, 09360
see also Real estate.
Realty, *see* Real estate.
Reasoning:
recipes, wrappers reasoning and rate, digest of first reading assessment, 10809
REC, *see* Reclamation Bureau.
Recalde Martorella, Jose O.:
relief, 00892, 02916, 04161
Receipts and expenditures, *see* Finance.
Receivers (electronic):
electronic receiving tubes and mounts, workers of Owensboro, Ky., plant of General Electric Co., Tariff Commission report, 08249
Receivers (radio):
improved DVOR low level receiver maintenance simulation, final report, task 2, 10454
Receiving stolen goods:
criminal redistribution (fencing) systems–
hearings, 00243
Receptors:
capacities of electroreceptor system of Black Sea rays to perceive magnetic field, USSR study, 09412
Recipes:
family fare, guide to good nutrition, 00009
frozen cooked food survey, Army requirements and recipes, 05265
irradiation sterilized meats, development of cooking procedures and recipes, 04834
lamb in family meals, 05941
wrappers, reasoning and rate, digest of first reading assessment, 10809
Reclamation Bureau:
BLS listing, power facilities operated by Reclamation Bureau, 00618, 10395
projects and major structures–
active names, list, 05768
inactive names, list, 05771
public works appropriations, 1974–
hearings, 03245
public works appropriations, 1975–
hearings, 09813
REC-ERC series, 00620, 03724-9, 04724, 08825-6, 09601-2
report HM series, 05774, 10396
safety news (periodical), 02531
survey of field laboratories, 03726
water operation and maintenance bulletin, 02740
water systems automation of Reclamation, current information, report, 04725
Reclamation of land:
control of environmental impacts of surface coal mining by States–
report, 10673
Federal projects, 1972, water and land resource accomplishments, 01539, 03719, 05769-70
gob pile stabilization, reclamation, and utilization, 00079
projects, feasibility investigations–
law, 04001
report, 00912
reclaiming surface-mined lands for outdoor recreation, sources of assistance, 03696
Reclamation Bureau projects and major structures–
active, list, 05768
inactive names, list, 05771
reclamation era, water review quarterly, 02530
surface mining reclamation act–
report, 03160
water and land resource accomplishments, Federal projects, 1972, 01539
water quality in upper Colorado River basin and relation to reclamation projects, 08820
see also Land.
Reclamation projects, *see* Reclamation of land.
Reconnaissance (geologic):
geochemical reconnaissance for gold sedimentary rocks of Great Lakes Region, Minnesota to New York, 03406

Reconnaissance (geologic)–Con.
preurbanization reconnaissance study of Lake Earl, Del Norte County, Calif., 07859
Recording instruments:
information recording mechanism in nervous system, USSR study, 11006
method for recording and analyzing EEGs and VERs from rats under hyperbaric conditions, 06824
Records:
design manual for state traffic records systems, 00568-71, 01441-4, 04661
document deficiency analysis, Army helicopter hydraulic system reliability and maintainability investigation, 08893
documentation for geographic base (DIME) files, revised record format, 08954
family-farm, 07112
Federal recordkeeping requirements for microwave oven dealers and distributors, 05386
managing correspondence, plain letters, 08752
papers in Library of Congress–
Benjamin Franklin, register and index, 00531
Oppenheimer, J. Robert, register, 11032
Schoolcraft, Henry Rowe, register, 06811
production in legal proceedings, FAA regulations, 01943, 10889
Public Health Conference on Records and Statistics, 10276
recordkeeping for small business, 03453
recordkeeping requirements and guide to tax publications, 05475
records control handbook, HUD, 06718, 07883
records management handbook, 08750-2
records to be kept by employers under Fair labor standards act, 08265
retention requirements, guide, 07811
retrieval program for archival Nansen-cast data, 07005
statement of record, property report, 10124
transmittal of documents from National Security Council to Chairman of Joint Chiefs of Staff–
hearings, 05117-8, 10756
Recovery, *see* Spacecraft recovery.
Recreation:
appraisal of potentials for outdoor recreation developments, Woodward County, Okla., 11234
community schools, promote development and expansion for community needs–hearings, 09061
facilities subject to user fees at Federal areas–
law, 00098
Federal lands available to State and local governments for recreation areas–
hearing, 04210
Federal recreation fee program, 08147
forest recreation research, bibliography, 08582
indoor recreation facilities in certain areas, authorize–
report, 11430
national recreation trails, information and application procedure, 05751
off-road recreational vehicles use on public lands–
hearings, 00136
outdoor recreation–
action (periodical), 02411
areas and facilities, guides, catalog, 01532
Delaware, potentials, county appraisal, 08218
Federal programs for, and recreation-related environmental programs, digest, 03695
grant-in-aid manual, 02412
legacy for America, 05753
nationwide plan, final environmental statement, 10368
Outdoor Recreation Bureau, focal point for outdoor America, 10367
research register, 05752
research series, 05752
reclaiming surface-mined lands for recreation, sources of assistance, 03696
Recreation and public purposes act, amend to delete acreage and site limitation for land conveyance to States, etc., report, 03180
recreation for autistic and emotionally disturbed children, 08133
recreational and athletic equipment, Federal item identification, guide, 03269
urban recreation, 08634
see also Recreational areas and demonstration projects.
Recreational areas and demonstration projects:
former prisoners of Vietnam war, free admission to certain units of recreation areas, authorize–
hearings, 04227
how effective are your community recreation services, 04712
recreational areas, vehicle behavior in and around complex sources, 07783
see also Recreation.
Recruiting and enlistment:
Air reserve as all-volunteer force, 05968
Army recruiting & career counseling journal, 02532
bonus, enlistment and reenlistment, expand and revise–
hearings, 07466
comparative data on sample of all-volunteer enlistees with 1970-72 Air Force accessions, 02831
comparison of volunteer attitudes and career motivation among officer and airman personnel, 05971
effect of all-volunteer force on input into school of military sciences, officer training program, 09666
Indian Health Service recruitment problem–
hearings, 07526
uniform original enlistment qualifications for male and female persons, establish–
hearings, 11394
Recycle operations (chemical technology):
complex permittivity measurements during high temperature recycling of space shuttle antenna window and dielectric heat shield materials, 01391
recycling and the consumer, 06593
recycling municipal sludges and effluents on land, 11485
resource conservation and recycling–
hearings, 08476
resource conservation by recycling to reduce solid waste–
hearings, 09196, 09914
resource recovery and source reduction, second report to Congress, 07780
resource recovery from solid waste, 07779
resource recovery, recycling, and reuse, 00251
solid waste recycling projects, national directory, 03326
tax treatment of recycling of solid waste–
hearings, 10715

Recycle operations (chemical technology)–Con.
wastewater agencies user charges and industrial cost recovery, Denver SMSA, 10880
see also Waste treatment.
Recycled materials, *see* Materials.
Red Cross, International Committee of, *see* International Committee of the Red Cross.
Red River:
design for tomorrow, 00655
Red River Army Depot, Texarkana, Tex.:
industrial wastewaters, 09271
solid waste generation and disposal, 11459
Redcedar, *see* Cedar.
Redevelopment (city planning, etc.):
British new town planning, general observations, 10107
community planning for elderly, 07876
economic injury loans for displaced small businesses, 05782
how HUD helps with relocation, Spanish edition, 05447
HUD activities under Uniform relocation assistance and real property acquisition policies act, 10962
model cities program, ten model cities, comparative analysis of 2d round planning years, 03430
revitalizing older houses in Charlestown, 06730
Uniform relocation assistance and real property acquisition policies act of 1970, amend–
report, 09031
urban planning and controls for promoting environmental quality, 01181
urban renewal handbook, 02719, 05458-9, 06722
urban renewal operations under title 1, Housing act, report, 02541
Redevelopment Land Agency:
District of Columbia, Board of Directors, nomination of Alfred P. Love–
hearings, 04195
Reduction (chemical):
program for reduction of NOx from tangential coal-fired boilers, phase 1, 00331
reducing copper and tin impurities in feerous scrap recovered from incinerated municipal refuse, 01376
Reduction of Federal Expenditures, Joint Committee:
committee print, 00178, 00956, 02318, 05094, 06311, 09864-5
Reductions in force, *see* Government offices.
Redwood National Park:
general information, 11187
Reefs, *see* Coral reefs and islands.
Reenlistment, *see* Recruiting and enlistment.
Reentry into atmosphere, *see* Atmospheric entry.
Reentry vehicles, *see* Spacecraft.
Referees in bankruptcy:
full-time, remove restriction on change of salary–
law, 08340
report, 03067
salary increase–
report, 10721
Reference books:
food price changes 1973-74, reference materials, 07567
reference aid, abbreviations in Cambodian and Lao press, 09389
reference aid, abbreviations in Romanian press, 09392
reference aid, abbreviations in Turkish press, 10995
reference aid, JPRS ad hoc publications, 1973 directory, 05533
Referendums:
results of marketing quota referendums, 00714
Refineries, *see* Petroleum refineries.
Reflectivity:
glass-balloon-filled black paint, effects of particle size on optical properties and surface roughness, 11138
ultrasonic reflectivity, preliminary equation system describing effect of stacking faults, 05734
Reflectometers:
non-ideal sliding short to two-port loss measurement, application, 06917
Reflexes:
characteristics of conditioned reflex and neurochemical mechanisms of negative emotional type responses, USSR study, 09413
conditioned reflex formation in marine animals, USSR study, 06783
Reforestation, *see* Forest planting.
Refraction:
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
refractive errors, 01436
seismic refraction exploration for engineering site investigations, 06532
Refractive index:
determination of optical absorption coefficient of powdered materials whose particle size distribution and refractive indices are not known, 04826
Refractory alloys, *see* Alloys.
Refractory materials:
compatibility of refractory materials for nuclear reactor poison control systems, 08045
high temperature antennas for space shuttle, investigation, 04601
high temperature dielectric material, evaluation, 07218
how-flow problems related to gas core reactor, simulator test to study, 06845
refractories, current industrial reports, 00772, 01847
Refractory metals, *see* Metals.
Refrigerants:
zero-gravity venting of three refrigerants, 06886
Refrigerated storage warehouses, *see* Warehouses.
Refrigerated Transport Co., Inc.:
motor carrier accident investigation report, 03573
Refrigeration and refrigerating machinery:
air conditioning, commercial and industrial refrigeration equipment trade data, 10803
central refrigeration system for proposed food distribution center, New Orleans, La., 02806
gas- and electric-powered central refrigeration systems for food distribution centers, evaluation, 02805
refrigeration and air conditioning components, Federal item identification guide, 03277
Refrigerators:
how to clean and defrost refrigerator, 03874
Refugees:
Cubans, life begins anew, Cuban Refugee Program, 11763
elderly Cubans in exile, working paper, 09179

Refugees–Con.
migration and assistance, appropriations, 1974–
hearings, 04084
minority rule and refugees in Africa, role of All Africa Conference of Churches–
hearings, 04099
refugee and humanitarian problems in Chile–
hearings, 05158
refugee relief in Republic of Viet-Nam, Laos, and Khmer Republic, agreement between United States and International Committee of the Red Cross, 11779
relief and rehabilitation of war victims in Indochina, North Vietnam and Laos–
hearings, 05160
relief and rehabilitation of war victims in Indochina, South Vietnam and regional problems–
hearings, 05159
world hunger, health, and refugee problems, crisis in West Africa–
hearings, 05165
Refund of taxes, *see* Tax refunds.
Refuse:
incinerated municipal refuse, reducing copper and tin impurities in recovered ferrous scrap, 01376
national status on control of garbage-feeding, 02347
pollution in Missouri River as aggravated by garbage dumping at Omaha, Nebr., investigation, 11730
Regeneration (biology):
establishing even-age northern hardwood regeneration by shelterwood method, preliminary guide, 08593
natural regeneration of lodgepole pine in south-central Oregon, 05403
Regionalism:
developing local and regional solid waste management plan, 10826
substate regionalism and Federal system, 05912, 10487
Registered nurses, *see* Nurses and nursing.
Registers:
Army Materiel Command, approved recurring RCS reports, 04821
civil aircraft, United States, 11504
commissioned and warrant officers of United States Naval Reserve, 08812
Environmental Protection Agency, awards register, grants assistance programs, 08543
Federal register, 01998-9
Justice Department and courts of United States, 02534
outdoor recreation research register, 05752
papers in Library of Congress–
Franklin, Benjamin, register and index, 00531
Oppenheimer, J. Robert, register, 11032
Schoolcraft, Henry Rowe, register, 06811
project register, waste water treatment construction grants, 05335
registry of minority contractors and housing professionals, 00451-7, 08633
waste water treatment construction grants, project register, 08554
Registration:
Farm labor contractor registration act, amend–
hearings, 09824
travel agents in order to operate travel agency–
report, 03188
voting and registration in election of Nov.1972, 04925
Registrations, *see* Motor vehicles.
Regression (statistics):
automatic interaction detector-version (AID)-4, reference manual, 07142
multiple regression technique for Pth degree polynomials with and without linear cross products, 08726
Regulation theory, *see* Control theory.
Regulatory agencies, *see* Government offices.
Rehabilitation:
financing handbook, 09368
housing, basic instructions, 05455
housing, mortgage insurance for lower income families, 11550
Rehabilitation centers:
agency work contexts study, implications for–
administration, 08838
organizational development, 08841
personnel management, 08839
supervision, 08837
training, 08840
guidelines for staff development for State rehabilitation agencies, 00622
Rehabilitation of criminals:
Community and supervision services act–
report, 03172
community corrections in Des Moines, handbook, 04557
inmate furloughs from Federal Penitentiaries–
hearings, 05153
rehabilitating inmates of Federal prisons, special programs help, but not enough, GAO report, 06694
Rehabilitation of the disabled:
clients rehabilitated in Federal-State vocational rehabilitation program, characteristics, 07017
conference of vocational rehabilitation and State alcoholism agency directors on Coordinated rehabilitation service for people with alcoholism, proceedings, 00623
improve rehabilitation of cancer patients, national cancer program, 04644
Rehabilitation act–
authorize grants for vocational rehabilitation services, report, 04170
authorize grants for vocational services, law, 04984
rehabilitation of disabled public assistance recipients–
training guide, 08191
training resource, 08190
rehabilitation record (periodical), 02536
return to duty success of Navy and Marine Corps personnel admitted to psychiatric sick list, actuarial odds scores, 06821
sheltered workshops and homebound programs, policies, organization, operation and service acrtivies, statement of principles, 01100
State rehabilitation facilities specialist exchange, 02612
State vocational rehabilitation agency, program and financial plan, 10397
State vocational rehabilitation agency, program data, 11221
target rehabilitation, what professionals should know about social security disability program, 01552
veterans, vocational rehabilitation assistance, allowances, increase rates–
law, 10585
report, 10617

Rehabilitation of the disabled–Con.
vocational rehabilitation act, administration for 1972, annual report, 09227
vocational rehabilitation services, oversight–
hearings, 07396, 09065
hearings, print additional copies, provide, report, 03039
Rehabilitation Services Administration:
future directions–
hearings, 07396, 09065
quarterly indices, 02537
Reimbursement:
stability of geographic index of health maintenance organizations, analysis, 11767
Relativity:
relativistic effects in satellite dynamics and doppler tracking, 04707
Relays, *see* Electric relays.
Reliability (mechanical):
Apollo experience report, reliability and quality assurance, 01412
Army helicopter hydraulic system reliability and maintainability investigation, 07185
Army helicopter rod end bearing reliability and maintainability investigation, 00745
design criteria for mechanical, electric, and fluid system and component reliability, 07094
helicopter reliability and maintainability analysis technique, 07191
helicopter transmission modularization and maintainability analysis, 07195
petroleum systems reliability analysis, 07738
quality and reliability assurance handbook, 03294
reliability and effective thermal conductivity of 3 metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
turbine engine fuel control reliability and maintainability analysis, 04879
variable-stress vehicle reliability model, 08539
Relief models:
sea ice terrain model and its application to surface vehicle trafficability, 07674
Relief work:
disaster communications, FCC rules and regulations, 01960
Disaster relief act, amend–
report, 09897
disaster relief assistance, appropriations, 1974–
hearings, 05051
drought and famine in West Africa–
hearing, 04201
Federal disaster relief legislation, investigation of adequacy and effectiveness–
hearings, 00240, 01051, 04254, 10790
see also Foreign aid.
Religions:
one nation under God (address), 07123
Relocation (housing), *see* Redevelopment (city planning, etc.).
Remedial reading, *see* Reading.
Remote control:
manufacturing methods technology (MM&T) for ballistic-tolerant flight control components, 00038
radio remote control garage door openers, workers of Chicago, Ill., plant of Chamberlain Manufacturing Corp., Tariff Commission report, 11264
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
Remote sensing:
aerial remote sensing in coastal engineering, annotated bibliography, 07672
air pollution measurements by remote sensing from satellites, 08022
atmospheric effects on remote sensing of nonuniform temperature sources, 11094
backscattering from two-scale rough surface with application to radar sea return, 03591
in agriculture, 10231
is remote sensing operational?, 01259
legal aspects of manned spaceflight and remote sensing of environment, USSR study, 06770
meteorological effects on microwave apparent temperatures looking downward over smooth sea, 03589
multichannel ocean color sensor (MOCS), development and flight test, 03583
non-coherent model for microwave emissions and backscattering from sea surface, 03590
remote sensing of air pollution in urban areas, 06557
remote sensing of Saturn's rings, magnetic alinement of ring particles, 05631
remote sensing platforms, 05429
toward RADSCAT measurements of winds over sea and their interpretation, 03592
Remote sensors, *see* Sensors.
Removers (paint and varnish):
lead hazard elimination, paint removal systems, 08759
Renal diseases, *see* Kidneys.
Rendezvous (space):
time-fixed rendezvous by impulse factoring with intermediate timing constraint, 11669
Renegotiation, *see* Government contracts.
Renegotiation Board:
annual report, 07018
appropriations, 1974–
law, 02954
appropriations, 1975–
hearings, 09811
Member, nomination of Goodwin Chase, hearings, 11433
Member, nomination of Norman B. Houston, hearings, 11433
Renegotiation act, extend–
hearings, 09128
regulations, 05777
Rent:
District of Columbia Council to regulate and stabilize rents, authorize–
law, 04991
report, 00989
rental income, tax information, 05476
should you rent or buy a house? Spanish edition, 04493
supplement status reports, 07890
Rental housing, *see* Housing.
Reorganization of Government activities, *see* Government reorganization plans.
Repair parts:
aircraft, certification procedures for products and parts, Federal aviation regulations, 01943
Repair shops:
clothing and textile repair shop, mobile, Federal item identification guide, 00258
motor vehicle maintenance and repair shop equipment, Federal item identification guide, 03281

Repair stations, *see* Aircraft repair stations.
Repairing:
reducing emissions through maintenance, short emission inspection tests, effectiveness, 06549
repair of damaged polypropylene bags, instructions, 03842
repairs on your house, how to do and how to pay expenses, Spanish edition, 05465
residential alteration and repair, expenditures, etc., construction report, 02868
tax information on repairs, replacements, and improvements, 03461
Repairs, *see* Repairing.
Reports:
Federal reports act, amend–report, 03241
Government reports announcements, 02066
Government reports index, 02067
Government reports, index, annual cumulations, 05716
Reproduction:
gray squirrels reproduce in 2-acre enclosure, 06650
partial cutting in old-growth spruce-fir, 04445
requirements for advance reproduction in Allegheny hardwoods, 06654
tree reproduction in hardwood forest openings, 04440
Republic of Viet-Nam, *see* Vietnam.
Requisitions:
MILSBILLS requisition fund codes, 05262
Rescue work:
national search and rescue manual, 08324
on scence, National Maritime SAR review, 02402
Research:
and demonstration programs to achieve water quality goals, what Federal government needs to do, GAO report, 06695
and development–
academic R&D expenditures reached $3.3 billion in 1972, 00596
academic R&D expenditures up 9 percent in 1973, 11195
analysis of Air Force Institute of Technology course 475, laboratory management of R&D, 02832
continued growth planned for Federal civilian R&D programs, science resources studies highlights, 03683
energy related research and development, 08464
industrial research and development approaches $20 billion in 1972, 05715
applied to national needs, NSF, general information, 08157
applied to national needs, program solicitation, 09561-6
baker's dozen, abstracts of 13 doctoral dissertations completed under Manpower Administration research grants, 03550
Blacksburg, Va., research center, establish–hearings, 07518
conference on agenda for economic research on productivity, 08185
cooperative research progress, problems, 05341
directions toward reduction of injury in young and old, proceedings, 01453
dynamics and forecasts of R&D funding, 11189
educational laboratory and research and development center programs need to be strengthened, GAO report, 06678
energy research and development, inventory, 09112
environmental research publications, 04375
EPA program planning task force for health effects research, report, 1973 fiscal year, 01182
Federal population, analysis, 1972 fy, 05684
funds for research at State agricultural experiment stations and other State institutions, 08969
grants for research in education, 05674
guide to NIH research contracting process, 05687
intergovernmental utilization, publications, 08801
Justice Department Research series, 08678-80
mission oriented R&D and advancement of technology, impact of NASA contributions, 10204
national energy research programs, establish–hearings, 08399
National Institute of Education research and development program, (remarks), 09347
national patterns of R&D resources, 1953-74, funds and manpower in U.S., 11194
national proposal for geothermal resources research, 08788
naval, review (periodical), 02353
NINDS multiple sclerosis research program, 05683
NINDS profiles, 06963
nursing, 1969-72 research grants, 00448
outdoor recreation research register, 05752
report on progress from agricultural research, science for living, 10494
research and development collaboration with USSR and Japan, 09117
solid wastes demonstration grant abstracts, 11746
space research program, agreement with Australia, 05847
space research, NBS materials science and manufacturing, 08095
Tariff Commission staff research studies, 10464
telecommunications in United States and selected foreign countries, 11198
university energy research centers–hearings, 04143
water pollution control benefits and costs, research needs and priorities, 05338
see also Military research–Scientific research.
Research and Development Office:
Indian Health Service, structure and functions, 10127
Research and development reports:
Atomic Energy Commission, 00747-55
Coal Research Office, 00078-9, 04959-61, 06117-9, 07316
Research and development technical reports:
Army Electronics Command, Fort Monmouth, N.J., 03900-6, 04822-9
Research and Monitoring Office:
EXPRO '73, listing of extramural projects to be funded, 06576
Research and statistics notes:
Social Security Administration, 00637, 01550, 04733, 08207-16, 08843, 10418-9, 11768-70
Research and Statistics Office:
health insurance statistics, HI series, 09610, 10296, 10411-5, 11231
staff paper, 05795, 10416

Research institutions:
nonprofit institutions, federal obligations, instructions and specifications for reporting, 09560
Research laboratories:
Atomic Energy Commission research and development laboratories, national resource, 06057
Research notes:
Forest Service, 00397-411, 04436-9, 05392-6, 06645-60, 08589-91, 10069-70
Research papers:
Forest Service, 00413-9, 01241, 03401, 04440-7, 05397-404, 05402-8, 06661-70, 07828-33, 08592-601, 10071-3
Population Growth and the American Future, Commission on, 08816
Research reports:
bibliography, R & D research reports, Environmental Protection Agency, 10001
Cold Regions Research and Engineering Laboratory, 01102, 05296-7, 07673-6, 07679, 09981
National Credit Union Administration, 05659
Smithsonian Institution, 02546
Research Triangle, N.C.:
flood plain information, 06504
floods, 07701
Reservations, *see* Indian reservations–Military reservations.
Reserve components of Armed Forces:
facilities construction, appropriations, 1974–
request, 02963
military construction appropriation, 1974–
hearings, 04085
law, 08339
report, 03079, 04057, 04065-6, 04169, 06247, 10606
personnel strength for 1974, authorization–
hearings, 00199-200, 03101
law, 04010
report, 03150, 04174
personnel strength for 1975, authorization–
hearings, 08471, 09189, 10687, 10751-4
report, 09174
presentation of flag of United States for deceased members–
law, 10584
servicemen's group life insurance for Reserve and National Guard–
hearings, 09190
voluntary assignment of members who are entitled to retired or retainer pay in ready reserve, authorize–
hearings, 09053, 09821
report, 03055
Reserve Officers Training Corps:
conceptual design for cost evaluation of alternative educational systems in managing Air Force ROTC, 04800
female participation in ROTC, eliminate present exclusion–
hearings, 03105
law, 06155
report, 03024, 06323
Reservoirs:
dynamics of reservoir destratification, pilot study, 10855
Federal projects, adverse effects from coal mining–
hearings, 07407
hydraulic model studies, low-level outlet works, 08826
ice and thermal regime of reservoir in 1st operating years of Krasnoyarsk ges, USSR study, 03525
oil reservoir sandstone, analysis of factors influencing fracture initiation and orientation, 07989
outlet works for site 16, Papillion Creek and tributaries, Nebraska, hydraulic model investigation, 06534
Residences, *see* Houses.
Residential construction, *see* Construction industry.
Resins:
production and sales, 09636
tensile behavior of boron/epoxy-reinforced 7075-T6 aluminum alloy at elevated temperatures, 09520
using epoxy resin grouts, mortars, and concretes, repair of rigid pavements, 03915
see also Plastics.
Resistance, *see* Electric resistance.
Resistors, *see* Electric resistors.
Resolutions:
digest, 01880
history, 01797
see also Law.
Resonance:
resonances in electron impact on atoms and diatomic molecules, 03635
Resonators:
electromagnetic field in laser resonator, 11203
ultrasonic signal enhancement by resonator techniques, 08057
Resource bulletins:
Forest Service, 00420-1, 01242, 04448, 05409, 06671-5, 07834-5
Resource management system:
comprehensive resource and environmental management planning, 07016
resource sharing computer networks, annotated bibliography, 03640
Resources, *see* Natural resources.
Respiration:
respiratory gas exchange and blood flow in placenta, 01454
Respiratory organs:
influenza, respiratory disease surveillance, 06097
Respiratory system:
prevalence of selected chronic respiratory conditions, 05651
primary distribution of microbial aerosols as function of infecting dose, USSR study, 06775
Response functions:
responsivity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, investigation, 04622
Responses:
autopilot effects on airplane responses to turbulence with emphasis on tail loads, 09499
computed lateral power spectral density response of airplanes to random atmospheric turbulence, 09501
control system to alleviate aircraft response to horizontal and vertical gusts, 06858
critical nondimensional parameters in aircraft dynamic response to random input, determination, 08033
mineral and electrolyte responses following severe decompression stress, 03557
nonlinear transient analysis of multi-mass flexible rotors, theory and applications, 03581

Responses—Con.
obtaining free body responses, evaluation of constrained test method, 01393
response variations of microphone worn on human body, 01381
Responses (physiological), *see* Physiological reactions.
Responses (psychology):
alcohol and disorientation-related responses, 00047
characteristics of conditioned reflex and neurochemical mechanisms of negative-emotional type responses, USSR study, 09413
nitrogen narcosis and visual evoked responses in unanethetized cat, 06829
nonprior service college graduate airmen responses to selected questions from Mar.1971 Airman Sample Survey, 05967
Rest:
circadian, endocrine, and metabolic effects of prolonged bedrest, studies, 11107
Restaurants, lunch rooms, etc.:
food service establishments, dishwashing systems, evaluation, 03855
food service facilities, engineering and design, 03918
Restoration:
measures for restoration and enhancement of quality of freshwater lakes, 01177
revitalizing older houses in Charlestown, 06730
ruins stabilization in southwestern United States, 10334
training courses in conservation/restoration, 04771
Restraint apparatus:
Apollo experience report, command module crew-couch/restraint and load attenuation systems, 03613
feline head-holder and body-restrainer for use in chronic visual electrophysiological research, 06823
Retail prices, *see* Prices.
Retail stores, *see* Stores.
Retail trade:
census, publication program, 03941
consumers' buying practices, uses, and preferences for fibers in retail piece goods, 05947
current business reports, 01834, 01837, 01840
energy management, economic sense for retailers, 07325
Retainers:
for electrical and electronic components, Federal item identification guide, 04282
laboratory holders and retainers, Federal item identification guide, 03292
see also Ball-bearing retainers.
Retina:
retinal detachment, 01437
retinitis pigmentosa, 01438
Retired officers, etc.:
reappointment to commission after serving in elective or appointed civil office—
hearings, 10689
Retired pay, *see* Civil service pensions.
Retired Senior Volunteer Program (RSVP):
older Americans in ACTION, 02400
Retirement:
Central Intelligence Agency retirement act, amend—
law, 08342
report, 03233
Civil Service Commission, salary table, executive branch of Government, 08961
contributions, benefits, and beneficiaries under State and local government retirement systems, 10418
income security for employees act of 1973, 10620
income security for employees act of 1973, statements of interested organizations and individuals, 09132
labor market impacts of private retirement system, 04033
National Guard technicians, correct inequities for credit in civil service system—
hearings, 04138
on the Civil Service retirement system, 04950
pay and medical benefits for commissioned officers, appropriations, 1975—
hearings, 10678
railroad retirement tax tables, Oct. 1973 through Dec. 1974, 00612
retired couple, guide to budgeting, 00721
retired couple's budgets in Southwest, 04568
retirement and survivor benefits for railroad workers and their families, 08823
retirement income credit, tax information, 04517
retirement, life insurance, and health benefits programs Dec. 1972, benefit comparisons and cost projections, 00155
selected public employee retirement systems, holdings, Governments quarterly report, 02091
your retirement from the Army and Air National Guard, 05665
see also Civil service pensions—Foreign service—Pensions—Railroad employees—Reserve components of Armed Forces.
Retirement insurance, *see* Old age, survivors, disability and health insurance.
Retorts:
broken oil shale during retorting, permeability changes and compaction, 08004
crude shale oil produced by in situ retorting, methods for refining, 08002
in situ retorting of oil shale, results of 2 field experiments, 03564
Retraining, *see* Training.
Reusable spacecraft, *see* Spacecraft.
Reusable surface insulation, *see* Insulation.
Revenue:
Federal, value-added tax and alternative sources of revenue, 03832
revenue, expenses, other income, and statistics of class I motor carriers of property, 06761
see also Revenue sharing.
Revenue sharing:
and Spanish speaking, 03930
and taxes, survey of public attitude, 03831
audit guide and standards for recipients, 05884
Better communities act, proposed, highlights, 01294
data elements—
entitlement period 4, 04757
entitlement period 5, 11274
fifth entitlement period allocations with prior period adjustments, 11278
final entitlement periods, 1,2 & 3, 04759
fifth payment, entitlement period 4, 04758
general revenue sharing, compliance by States and large urban jurisdictions, 01558
general revenue sharing, first actual use reports, 08261
general revenue sharing, first planned use reports, summary and analysis of planned use, 01589

Revenue sharing–Con.
health, report, 10676
how 45 selected jurisdictions view revenue sharing, 11435
Indian tribes, Alaskan native villages, allocation listing by county, entitlement period 4, 04760
its use by and impact on local governments, GAO report, 10083
Members of Congress replies to questionnaire on revenue sharing, 07412
seventh payment, 3d quarter, entitlement period 4, 08874
sixth payment, 2d quarter, entitlement period 4, list, 07089
special payment, 1st quarter, entitlement period 4, list, 05887
special payments, Oct.19-Nov.19, 1973, entitlement period 4, Revenue Sharing Office, 04761
State and local fiscal assistance act of 1972, regulations governing payment of entitlements, 01590
time for responsibility, 09979
what is general revenue sharing?, 03813
Revenue Sharing Office:
annual report, 08257
Reverse osmosis, *see* Osmosis.
Revision of Federal Court appellate System Commission:
geographical boundaries of several judicial circuits, alternative proposals, 03730, 07019
Revolution, 1775-83:
American Revolution Bicentennial, Continental Congress, 10c. regular stamp (poster), 09647
American Revolution Bicentennial, new coinage design and date emblematic–
law, 02948
report, 03015, 04052
twelve flags of American Revolution, 11034
Revolutionists:
American penal system, revolutionary target–
report, 05039
Revolutions:
revolutionary activities directed toward administration of penal or correctional systems–
hearings, 04114-5, 08403
Rewards (prizes, etc.):
employee incentives, HUD, 07882
Government employees' incentive awards program, improving effectiveness, GAO report, 06685
highway and its environments, 5th annual awards, 03338, 04406
HUD awards for design excellence, fifth biennial, 01290
incentive awards notes, focus on reporting results, 04952
Maritime Administration, 1974 salute to Maritime employees, 09454
National Lime Association, safety competition awards, 06830
National Science Foundation Division of Social Systems and Human Resources, fy '73, summary of awards, 11197
National Science Foundation grants and awards, 08803
NiAid fiscal year 1972 awards, 10303
outstanding handicapped Federal employee, 1972 award program, 04954
program awards, intergovernmental science programs, 10342
quarterly awards, listing grants assistance programs, 02515
recognition is your responsibility, 07644
research projects accepted for Lenin and State prize competition, 10993
summary of awards, Computer Research Division, National Science Foundation, 10346
USSR State prizes for 1973, 05545
Reynolds numbers:
comparison of measured and calculated velocity profiles of laminar incompressible free jet at low Reynolds numbers, 10244
flight Reynolds number effects on contoured boattail nozzle at subsonic speeds, 09494
Langley Mach 10 high Reynolds number helium tunnel, operating characteristics, 11099
low-speed aerodynamic characteristics of NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, 11097
RF, *see* Radio frequencies.
Rhenium:
extraction from concentrates by electrooxidation, 03570
mineral industry surveys, 11640
Rhesus monkeys, *see* Monkeys.
Rhinelander, John B.:
nomination–
hearings, 11433
Rhode Island:
census portrait, 08926
counties and metropolitan areas, population estimates, 10542
landings, fish and fisheries, 02550
local rail service zone, Secretary of Transportation report, 04755
Rhodesia:
halt importation of Rhodesian chrome–
hearings, 00219, 06299
report, 03169
Southern, gazetteer, official standard names, 03405
Rhodesian Information Office:
international legal obligations of presence in United States–
hearings, 04098
Rhopalocera, *see* Butterflies.
Rhyacionia, *see* Tip moths.
Ribbons for typewriters, etc.:
Federal item identification guide, 03291
record, Federal standard, 00382
ribbons, typewriters and composing machines (changeable type style), etc., Federal standard, 10922
teletypewriter, Federal standard, 01226
Rice:
allotment, transfers because of floods, permit–
report, 10735
crop program, proposed changes–
hearings, 06265
foreign agriculture circulars, 02039
rice drying and storage facilities in south, costs of building and operating, 00722
rice market news, 02551
rice situation, 01086, 07655
stocks, rough and milled, 02552
Richard B. Russell Dam and Lake:
designate–
law, 04002
report, 03031, 09140
Richardson, Leticia:
relief, 10719

Richey, Mont.:
railroad employee accident investigation report, 07022
Richmond, Va.:
area wage survey, 00520
Rickover, Hyman G.:
appointment to Admiral on retired list, authorize–
hearings, 09819
name new engineering complex at Naval Academy in his honor–
hearings, 09818
testimony, hearings, 06200
Riddle, J.B.:
relief, 00870
Rieg, Mary K.:
union wages and hours, printing industry, 08682
RIF (Reading is fundamental), *see* Reading.
Rigging:
airdrop of supplies and equipment, rigging, one-half-ton platform trucks, 05993
airdrop of supplies and equipment, rigging, pole-type utility and bolster trailer, 05994
Right of privacy, *see* Privacy.
Right/left handed:
speed of comprehending submarine fire control displays–
further evidence of right-left differences, 07959
processing information about right and left, note on left-handers, 07961
Rights (Civil), *see* Civil rights.
Rights of way, *see* Public lands.
Rinderpest:
prevention, agreement with El Salvador, 01581
Ring connectors, *see* Connectors (structural).
Rings:
remote sensing of Saturn's rings, magnetic alinement of ring particles, 05631
Rings (hydraulic packing back-up), *see* Packing (mechanical engineering).
Ringworm:
ringworm, including athlete's foot, 00786
Rio Blanco County, Colo.:
feasibility of control of seepage of saline ground water, 10872
Rios, Maria L.:
relief, 00894, 04981
Riots:
prevention and control of collective violence, 00515, 04552-4
Ripple voltage, *see* Voltage.
Riprap:
riprap slope protection for earth dams, review of practices and procedures, 00620
Risk:
in decision making and in its simulations, USSR study, 08666
Rivas, Concepcion V.:
relief, 04163, 11376
Rivers:
characteristics of streamflow at gaging stations in Loup River basin, Neb., 10941
daily weather and river bulletin, Albuquerque, N. Mex., 01857
fractionation and characerization of natural organic matter from certain rivers and soils by free-flow electrophoresis, 01282
freezing technique for sampling steambed gravel, 05404
historic flood information for northern California streams from geological and botanical evidence, 04473
hydrologic reconnaissance of streams in eastern Brooks Range, Alaska, 04470
identification of DDT and dieldrin in rivers, report of National Water Quality Network, 09589
inventory of suspended sediment stations and type of data analysis for Pennsylvania streams, 01258
large rivers of United States. 05426
low-flow characteristics of streams in Pacific slope basins and lower Columbia River basin, Wash., 04471
National Weather Service River Forecast System, snow accumulation and ablation model, 10319
national wild and scenic rivers system, designate–
Chattooga River, law, 09732
Chattooga River, letter, 05096
Little Miami River, 05024
New River, segment as potential component, report, 11426
Suwannee River, lower, recommend, 07373
navigation, flood control, etc. projects, construction, repair and preservation, public works authorization–
law, 08345
report, 03028, 03032, 08450
principal rivers of world, 05697
proposed streamflow data program for California, 07864
quality of stream waters if White Cloud Peaks area, Idaho (maps), 01280
river basin commissions, annual report, 09024
river basin plans, additional appropriations, 1973–
law, 08345
report, 03028, 03032, 08450
river summary and forecasts, daily bulletin, 02555
river summary and forecasts, daily bulletin, Memphis, Tenn. area, 02556
river summary and forecasts, daily bulletin, New Orleans area, 02557
Riverine operations, 1966-69, Vietnam studies, 00042
stream channelizations, effects, etc.–
report, 06227
stream chemistry following forest fire and urea fertilization in north-central Washington, 05402
temperatures, Pacific Northwest, 02558-9
timber-harvesting effects on stream temperatures, literature review, 08589
trout streams in Wisconsin, improvement by augmenting low flows with ground water, 05438
turbulence data summary, 06706
Wild and scenic rivers act, amend–
hearings, 04110, 04229, 10777
report, 02978, 03073, 03157-8
wild and scenic rivers systems, authorized by Public law, 03697
Riverton, Va.:
railroad accident investigation summary report, 10402
Road machinery:
road clearing, cleaning, and marking equipment, Federal item identification guide, 05238
Road signs, *see* Signs (road).
Roads and highways:
accidents on main rural highways related to speed, driver and vehicle, 11505

Roads and highways—Con.
airport access study, impact of airport-oriented vehicle trips on highway facilities, 00361
code of Federal regulations, 11518
drinking water systems on and along national system of interstate and defense highways, pilot study, 08553
Emergency highway energy conservation act—
law, 05000
report, 05102
emergency national maximum highway speed limit—
report, 06237
environmental considerations in highway design, location, construction and operation, 06606
expansive clays and shales in highway design and construction, 06607-8, 06610
external youth opportunity program, 00362
fatal and injury accident rates on Federal-aid and other highway systems, 09298
Federal aid highway act, amend—
law, 00101
report, 06325, 10605
waiving point of order, report, 02981
Federal-aid highway act, analysis, 08563, 10028
Federal laws, regulations and material relating to Federal Highway Administration, 08562
Federal-aid highway program, United States Code, 07445
federally coordinated program of research and development in highway transportation, 00363-4, 01201, 06606
geometric design criteria and traffic operational experience on high speed freeways and interchanges, 00365
highway and its environment, 5th annual awards, 03338, 04406
highway and urban mass transportation, 02089
highway construction, appropriations, authorize—
law, 00101
highway safety literature, abstract journal, 02090
highway safety program manual, emergency medical services, 11172
highway safety program standards, 03661
highway statistics, 05358
highway trust fund, financial condition and operations, annual report, 09747
improved design to reduce costs, extend life expectance and insure structural safety, 00364
improved highway design and operation for safety, federally coordinated program of research, 01201
improved material utilization and durability, 00363
in-depth study reports from world survey of current research and development on roads and road transport, 00366
international conference on highway sign symbolology, proceedings, 05359
literature references on techniques for evaluation of factors relevant to decision making on highway locations, 00367
major highways, vehicle behavior in and around complex sources, 08558
1971 external youth opportunity program, 00362
public roads, journal of highway research and development, 02512
roads, airbases, and heliports in theater of operations, planning and design, 07173
roadway environmental data subsystem, standard data elements and coding, State traffic records systems design manual, 01443
rules of road rated, 01450
safety road checks, motor carriers of property, 03575, 08707
social and economic effects of highways, 10029
speed limit of 55 on national system of interstate and defense highways—
hearings, 05082, 08510
traffic control devices manual—
construction and maintenance operations, 09302
school areas, 09301
urban freeway surveillance and control, state of the art, 03340
vehicle/road compatibility analysis and modification systems (VRCAMS), 06535, 07718
Roadside rest areas:
safety lane type pre-trip inspection of commercial motor vehicles, recommended procedure, 05606
Roane County, Tenn:
forest inventory statistics, Loundon-Roane County unit, east Tennessee, 07081
Roanoke Rapids, N.C.:
flood plain information, 06507
floods, 06514
Roanoke River:
flood plain information, 06507
floods, 06514
Roaring Fork River:
floods, Roaring Fork River and Castle and Hunter Creeks, Aspen, Colo., 00314
Roasting (minerals):
oxidation of cement copper by flash roasting, 01378
Robbery, *see* Theft.
Robert Emmett Ginna Nuclear Power Plant:
aerial radiological measuring system, 06030
Roberts, Harold D. Tunnel, *see* Harold D. Roberts Tunnel.
Robertson, Robert H.:
nomination—
hearings, 10789
Robinson, Henry S.:
nomination—
hearings, 04195
Robles, Arturo:
relief, 00899, 08988
Rochester University:
collaborative program on mercury with University of Rochester, NY, 10337
Rock, *see* Rocks.
Rock phosphates:
flotation of carbonate minerals from unaltered phosphate ores of Phosphoria formation, 11059
mineral industry surveys, 07977
minerals yearbook chapter, 08702
Rocket propellants, *see* Propellants.
Rocket sonde, *see* Rockets.
Rocketry, *see* Rockets.
Rockets:
automatic fight control devices on first Soviet rockets, USSR study, 06791
boundary layer trip protuberances in overexpanded rocket nozzles, procedure for calculation, 11119
effects of stationary plasma engine and its testing aboard meteor artificial earth satellite, USSR study, 10994
effects of vertical wind on tactical rockets and artillery shells, 04824

Rockets–Con.
flueric sounding rocket motor ignition, development and demonstration, 11091
gas core reactor rockets, simulator tests to study hot-flow problems, 06845
liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, program user's manual, 08021
liquid-fueled rocket engines, basic problems, USSR study, 01323
low-thrust engines for interplantary flights, USSR study, 06786
national plan for rocketsonde support for special events, 10311
reliability and effective thermal conductivity of three metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
rocket thrust chambers, sprayed coatings, plasma tests, 11657
Saturn IB launch vehicle flight evaluation report-SA-208, Skylab-4, 08744
SSME/side loads analysis for flight configuration, 11117
thermodynamics of chemical species important to rocket technology, 08093-4
three bladed rocket pump inducer, investigations of 3 dimensional flow characteristics, 03579
unmanned, Federal aviation regulations, 01947, 10888
Rockford, Ill.:
area wage survey, 01355
Rocks:
Complexiopollis pollen lineage in Mississippi Embayment rocks, 04474
distribution, thickness and lithology of Paleocene rocks in Pakistan, 00436
Eocene rocks and oil yields of Green River oil shales on part of Green River oil shales on part of Kinney Rim, Washakie Basin, Wyo., geology, 03561
new Cretaceous formations in western Wyoming thrust belt, 05421
overcoring equipment and techniques used in rock stress determination, 10183
perennially frozen gravels and rock, core drilling investigation, 05306
petrography and stratigraphy of glacial drift, Mesabi-Vermilion iron range area, northeastern Minnesota, 05419
Smackover formation, geochemistry, 11072
standard rock suite for rapid excavation research, 11060
systematic determination of engineering criteria for rock, 09987
tunneling machine research, development of experimental full-scale research rock cutting device, 05597
zeolites and associated authigenic silicate minerals in tuffaceous rocks of Big Sandy Formation, Mohave County, Ariz., 06707
see also Igneous rocks.
Rocky Boy's Reservation:
Chippewa Cree Tribe, mineral interests, hold in trust–
law, 10580
Rocky Mountain Forest and Range Experiment Station :
publications, list, 02252
Rocky Mountain National Park:
land acquisition–
hearings, 07533
Rocky Mountains:
aerial snow cover observations in Colorado, 08586
national airport system plan, 1972, Rocky Mountain region, 04402
recovering natural gas, progress and problems in developing nuclear and other experimental techniques, GAO review, 10936
Rodenticides:
rodenticides and mammal, bird and fish toxicants, EPA compendium of pesticides, 01534, 01921
see also Pesticides.
Rodriguez, Marcos R.:
relief, 04166
Rods:
Army helicopter rod end bearing reliability and maintainability investigation, 00745
coolant mixing in LMFBR rod bundles, 06037-8
LMFBR fuel and blanket wire wrapped rod bundle assembly design, review of studies, 07227
metal bars, rods, wires, sheets, plates, and shapes, Federal item identification guide, 07607
simplified approach for predicting temperature distribution in wire wrapped fuel assemblies, 07228
stall-flutter spring-damper pushrod in rotating control system of CH-54B helicopter, evaluation, 06019
Roll:
wind-tunnel roll-damping measurements of winged space shuttle configuration in launch attitude, 06875
Roll stability, *see* Stability (aircraft/spacecraft).
Roller bearings, *see* Bearings (machinery).
Rolling stock, *see* Railroad cars.
Romania:
consular convention, agreement, 00667
Five year plan summary, 05266
investment guaranties, agreement, 04748
trading and investing, 05267
Romanian language:
reference aid, abbreviations in Romanian press, 09392
Rondout Creek:
basin, south Ellenville flood control project, New York, hydraulic model investigation, 10819
Roof supports, *see* Mine props.
Roofing:
Federal item identification guide, 04314
Roofs:
barrel vault 96 meters long check tested against design, USSR study, 09419
Root Creek:
flood plain information, Madera, Calif., 01116
floods, Madera, Calif., 01136
Rope:
Federal item identification guide, 07600
rope, cable and chain fittings, Federal item identification guide, 07604
see also Wire rope.
Roseville, Calif.:
floods, Dry Creek and tributaries, Roseville, Calif., 00312
railroad accident investigation report, 10401
Ross Ice Shelf:
Antarctica, anticipated closure rates for proposed drill hole, 01104
chemical profile at Little America V, Antarctica, 07675

Ross Lake National Recreation Area:
general information, 01492
Rosters:
nation-wide roster of professional minority consulting firms, 10854
Rotary forge, *see* Forges.
Rotation:
computer program for determining rotational line intensity factors for diatomic molecules, 01402
evaluation of stall-flutter spring-damper pushrod in rotating control system of CH-54B helicopter, 06019
ROTC, *see* Reserve Officers Training Corps.
Rotenone:
treating water containing rotenone preparation used in fishery management, 11733
Roto-Broil Corp. of America:
Newark, N.J., electric can openers and hair dryers, Tariff Commission report, 08862
Rotor planes, *see* Helicopters.
Rotorcraft:
aeroelastic analysis of a telescoping rotor blade, 04878
airworthiness standards—
normal category, Federal aviation regulations, 01945
transport category, Federal aviation regulations, 01945
external-load operations, Federal aviation regulations, 01949, 04393
flight instructor, practical test guide, 03384
flight simulation computer program, C-81 general description, 00743
Rotors:
advanced tandem-rotor helicopters, ground-based simulator input data for hovering, 08294
aerodynamic stability of helical vortices shed from hovering rotor, analytical investigation, 07196
aeroelastic analysis of a telescoping rotor blade, 04878
CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, recommended design modifications, 08292
core turbine rotor blade incidence loss in two-dimensional cascade, 09493
dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
elastomeric-bearing main rotor of OH-58 helicopter, cold-weather flight tests, 07188
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
forward rotor transmission, CH-47C, thermal mapping, 00744
helicopter gross weight and center of gravity rotor lift measurement system, 06021
helicopter rotor hubs, composite-material, 06012
HLH/ATC drive system aft rotor shaft bearing test, report, 08290
increased leading-edge thickness on performance of transonic rotor blade, 06891
low-radar-cross section OH-6A helicopter tail rotor blade, 11305
maneuverability effects on rotor/wing design characteristics, 07202, 10516
mathematical model of unsteady aerodynamics and radial flow for application to helicopter rotors, 00035
nonlinear transient analysis of multi-mass flexible rotors, theory and applications, 03581
performance of transonic compressor rotor with aspect ratio of 6.5, 11145
rotor tip clearance effect on overall performance in high-temperature core engine, 10255
rotor/wing design characteristics, maneuverability effects, 08894, 10516
stall flutter of helicopter rotor blade, analysis, 04605
theoretical studies of tone noise from fan rotor, 04611
torsional natural frequency of rotor blades on stall-induced dynamic loading, investigation of effect, 07198
transmission thermal mapping, main rotor of helicopter, 08293
UH-1D filament-wound tubular-reinforced rotor blade, 07184
vortex modification by mass injection and by tip geometry variation, 06016
Roughness, *see* Surfaces.
Routt National Forest:
designate part as Flat Tops Wilderness—
report, 01000
Roving vehicles:
Mars rover for Viking science mission, conceptual design and operational characteristics, 08061
navigation system, performance review, 03615
Roxbury Carpet Company, Framingham, Mass.:
woven velvet carpets, Tariff Commission report, 09640
Royalties:
royalty income, tax information, 05476
RRB, *see* Railroad Retirement Board.
RSFSR, *see* Russian Soviet Federated Socialist Republic.
RSI, *see* Insulation.
RSVP (Retired Senior Volunteer Program), *see* Retired Senior Volunteer Program (RSVP).
Rubber:
air flotation, biological oxidation of synthetic rubber and latex wastewater, 06564
collective bargaining in rubber industry, 05555
polychloroprene rubber from Japan, determination of injury to U.S. industry, Tariff Commission report, 05872
rubber-processing chemicals, production and sales, 05874
supply and distribution for United States, current industrial reports, 04921
Rubella, *see* Measles.
Ruckelhaus, William D.:
nomination, 05155
Rugs:
current industrial reports, 01847
how to clean, 03869
Rules and Administration Committee, Senate:
calendar, 02239
committee print, 09966
hearings, 04260, 05169, 05186-7, 07574, 08518
investigations and studies, authorization and expenses—
report, 08454
purchase of U.S. Capitol Historical Society wall calendars for use of Senate—
report, 10738
report, 00192, 03134, 03142, 03175-8, 03198-204, 03208-9, 03238, 04173, 04175, 08451, 08453-4, 08458, 09146, 09152-7, 09159-60, 09882, 10724-7, 10732, 10738, 10746-7, 11417-20

Rules Committee, House:
hearings, 06307, 10660
report, 00909-10, 00912, 02968-9, 02974-6, 02979-81, 02992, 02999, 03007-11, 03018, 03032, 03038, 03051-3, 03063-5, 03074-5, 03078-9, 03098, 04049, 04052, 04054, 04058, 04060, 04063-4, 04068, 04072, 04076, 05037-8, 06228, 06239, 06245, 08356, 08365, 09027, 09029, 09042-3, 09756, 09761, 09776-7, 09785-6, 10606, 10612-3, 10618-20, 10634-6, 10650, 10655-6, 10672, 11388
Rumania, *see* Romania.
Rumsfeld, Donald:
nomination—
hearings, 09209
Running skyline, *see* Lumbering.
Runoff:
rainfall-runoff data for small drainage areas of Missouri, 04479
Runway marker lights, *see* Runways (aeronautics).
Runways (aeronautics):
airfield pavements, design manual, 00598
ATC procedures for IFR approaches to triple parallel runways, investigation, 11786
expedient snow airstrip construction technique, 09270
finite element analysis of concrete airfield pavements, computer program, 06500
heavy-duty truss-web extruded aluminum airfield landing mat installation, 10815
in-pavement lighting fixtures, evaluation of portable photometer to measure light output, 11260
installation of XM19 airfield landing mat and ancillary items, special surfacing landing mat, 00317
see also Pavements.
Rupee:
Indian rupee settlement agreement—
hearings, 08390
Rural communities:
catalyst for rural development, 01707
FHA housing program operations—
hearings, 04105
handbook for home, 1973 yearbook of agriculture—
departmental edition, 04779
document edition, 05015
housing for rural elderly under major Federal housing programs, subcommittee report, 09183
immovable feast, crisis in rural transportation, 06360
mental health programs of National Institute of Mental Health, 05681
patients at federally funded community mental health centers in 1971, 10299
transportation in rural areas, interim report for farm produce, etc., 09184
transportation in rural areas, people, transit needs, operations, and management, 09185
who owns America's land, problems in preserving rural landscape (address), 07657
Rural development programs:
agriculture, rural development, and use of land, papers, 09908
Appalachian experiment, 10509
Appalachian Regional Commission, investment strategy, 08892
catalyst for rural development, 01707
extension of farm and related programs—
hearings, 01007
government services to rural America, annual report, 07369
national conference on rural development, proceedings, 10750
research in Northeast for next 5 years, framework, task force report, 07102
Rural development act—
guide, 06357
implementation, hearings, 01010, 06259
rural electric and telephone direct loan programs, restore—
report, 00908
rural manpower developments (periodical), 02563
secondary market for rural development insurance fund loans, provide—
report, 03181
Rural electricity, *see* Electricity.
Rural Electrification Administration:
materials acceptable for use on systems of REA borrowers, list, electrification, 00624, 02250, 04727, 08193
materials acceptable for use on systems of REA borrowers, list, telephone, 02251, 04728, 08194
REA bulletin, 10399
rural electric borrowers, statistical report, 08827
rural electrification, semi-annual statistical summary, 10400
statistical bulletin, semi-annual, 00625
statistical report, rural telephone borrowers, 08195
Rural housing, *see* Housing.
Rural poverty, *see* Poverty.
Rural Telephone Bank:
audit, fiscal year ended June 20, 1973, GAO report, 09336
Rush, Kenneth:
nomination—
hearings, 09209
Russell, Richard B., Dam and Lake, *see* Richard B. Russell Dam and Lake.
Russia, *see* Union of Soviet Socialist Republics.
Russian River:
municipal and industrial water requirements from Dry Creek, 11731
Russian Soviet Federated Socialist Republic:
specialized emergency medical aid facilities and personnel, USSR study, 01334
Rust, *see* Corrosion and anticorrosives.
Rusts (plant disease):
cereal rust nurseries in Caribbean area, 1950-72, 03837
virulence genes in agents of brown and yellow wheat rusts, identification, USSR study, 05516
see also Brown rust.
Ruthenium:
radiochemical separation procedures, 09701
Rutile:
synthetic rutile, temporary suspension of duty—
report, 09782
Rwanda:
economic trends and their implications for United States, 00477

S

Sac River:
pre-impoundment biological survey Stockton Reservoir Sac River, Mo., 09320
Sacks, *see* Bags.

564-800 O - 75 - 27

Sacramento, Calif.:
aircraft accident report, 03690
Sacramento County, Calif.:
ground water pumpage, 07851
Sacramento River and Valley:
water temperatures of streams, Sacramento Basin subregion, 07867
Saddle River and Valley:
flood problems, hearings, 00162
Safety equipment and appliances:
automatic gas detectors, USSR study, 07908
electrical protective devices, Federal item identification guide, 00262
fire safety equipment for nursing homes, authorize insured loans to provide—
law, 06170
report, 10610
hardware, protective devices, Federal item identification guide, 07628
minimum security devices and procedures for Federal Reserve banks and State member banks, regulations, 03375
protection of the President at Key Biscayne and San Clemente, with information on protection of past presidents, GAO report, 06692
residential security equipment, design guide for improving use, 08622, 10104
Safety of life:
accelerator radiation protection, 04845
air safety—
aerospace safety (periodical), 01607
naval aviation safety review, 01653
aircraft cabin fire extinguishing system design, 09627
anticipated transients without scram for water-cooled power reactors, technical report, 06063
attainable goal in airline safety (address), 08805
creating transportation safety environment (address), 10352
criteria for recommended standard, occupational exposure series, 08120-4
diplomacy of job safety (address), 08181
driver, traffic safety magazine for military driver, 01890
enforcement decisions in aviation and marine cases, 08161
Federal coal mine health and safety act, administration of black lung benefits program, annual report, 11400
Federal mine health and safety laws, enforcement, hearings, 07409
Federal mine safety and health amendments of 1973, print additional copies of committee print, authorization, report, 09459
Federal motor vehicle safety standards and regulations, 00573, 01973
Federal motor vehicle safety standards, 10284
Federal railroad safety act, amend—
law, 00103
fire accidents involving ignition of sleepwear worn by children under age of 3, 08103
fire safety, 09353
fire safety for aging, hearings, 11402
food safety in kitchen, 09663
Forest Service health and safety code, 07824
Highway safety act, 1972 report on activities—
departmental edition, 05669, 05671
document edition, 05023
highway safety appropriations, authorize, law, 00101
highway safety design and operations, narrow bridges, driver dilemmas—
hearings, 00161
report on investigations, 00159
highway safety literature, abstract journal, 02090
highway safety program manual, emergency medical services, 11172
highway safety program standards, 03661
highway safety workshop for traffic court judges—
participant's reference manual, 08119
trainer's manual, 06944
improved design to reduce costs, extend life expectancy, and insure structural safety, federally coordinated program of research in highway transportation, 00364
improved Federal and States programs needed to insure purity and safety of drinking water, GAO report, 06683
improved highway design and operation for safety, federally coordinated program of research, 01201
industrial safety and improved collective bargaining important labor rights (speech), 04563
injury experience in coal mining, 01374
injury in young and old, research directions toward reduction, proceedings, 01453
International Technical Conference on Experimental Safety Vehicles, proceedings, 04662
job safety & health , 02190
mandatory health and safety standards in mining, 04592
Mech, naval aviation maintenance safety, 02286
motor carrier safety regulations, 08015
motor vehicle accidents, safety campaign, 09370
motor vehicle safety defect campaigns reported to National Highway Traffic Safety Administration, 02329
National Lime Association, safety competition awards, 06830
National traffic and motor vehicle safety act—
amend, hearings, 04121-2
1972 report on activities—
departmental edition, 05670-1
document edition, 05023
Navy lifeline, naval safety journal, (periodical), 02358
nuclear safety, technical progress review, 02188
nuclear weapons accident hazards, safety precautions, and emergency procedures, guidance and information, 04897
occupational safety and health act—
President's report, 08186
occupational safety and health, maritime standards and interpretations, 05749
occupational safety and health—
all about OSHA, who, what, where, etc. of act of 1970, 04708
construction standards and interpretations, 08814, 11713
general industry standards and interpretations, 04709-10, 10366
maritime standards and interpretations, 05749
questions and answers to pt. 1910, OSHA general industry standards, 04711
statistics of Federal Government, 01529
on guard, Bureau of Motor Carrier Safety bulletin, 02401

Safety of life—Con.
on-condition maintenance for helicopter transmissions, analysis of criteria, 06020
promotion of safety on Great Lakes by means of radio, agreement with Canada, report, 00186
Radiation control for health and safety act, hearings, 01022
reactor safety, literature search, 06054
reclamation safety news (periodical), 02531
residential security, design guide for improving, 08622, 10104
Safe drinking water act of 1973, hearings, 07473
Safe schools act, hearings, 04097
safety and special actions, FCC, reports, 01953
safety and special radio services, FCC applications and actions, report, 01953
safety digest, AMC pamphlet, 02564
safety lane type pre-trip inspection of commercial motor vehicles, recommended procedure, 05606
safety management information, 02565
safety occupational health and fire protection bulletin, VA. 02566
safety program management data subsystem, standard data elements and coding State traffic records systems design manual, 00571
safety recommendations, 02567
safety road checks, motor carriers of property, 03575, 08707
surface ship & submarine safety review, fathom (periodical), 01937
Safety officers:
public safety officers benefits, report, 10652
Safety rest areas, *see* Roadside rest areas.
Saguaro National Monument:
addition to National Wilderness Preservation System, proposal, 06221
general information, 08786
Saigon, Vietnam:
synoptic meteorological observations, 11710
Sailing directions:
Australia, east coast, 00280
Sailplanes, *see* Gliders (aircraft).
Saint Albans Naval Hospital:
New York City, military personnel, appropriations, 1974, hearings, 00918
Saint Andre, Lucille de:
relief, 00906
Saint Augustine, Fla.:
Castillo de San Marcos National Monument, Fla., 05708
Saint Clair County, Mich.:
soil survey report, 11238
Saint James Parish, La.:
soil survey report, 01561
Saint Joe River:
flood plain information, Saint Maries and vicinity, Idaho, 01118
floods, vicinity of Saint Maries, Idaho, 01129
Saint John the Baptist Parish, La.:
soil survey report, 01561
Saint Johns River and Valley:
flow and chemical characteristics of Saint Johns River at Jacksonville, Fla., 01253
Saint Joseph, Mo.:
flood plain information, 07692
Saint Lawrence River and Valley:
traffic report of Saint Lawrence Seaway, 10403
Saint Lawrence Seaway Authority:
traffic report of Saint Lawrence Seaway, 10403
Saint Lawrence Seaway Development Corporation:
annual report—
departmental edition, 00629, 09604
document edition, 00117
appropriations, 1975—
report, 10674
financial statement audit, GAO report, 11533
traffic report of Saint Lawrence Seaway, 10403
Saint Louis, Mo.:
area wage survey, 07942
helicopter project, cooperative effort among 14 railroad police departments, 08256
Operation Breakthrough, site planner's report, 10972
selected storm events in 5-minute increments, 04481
Saint Lucie Inlet:
engineers report—
departmental edition, 11471
document edition, 11360
Saint Maries River:
flood plain information, Saint Joe & Saint Maries Rivers, 01118
floods, vicinity of Saint Maries, Idaho, 01129
Saint Maries, Idaho:
flood plain information, Saint Joe & Saint Maries Rivers, 01118
Saint Thomas, V.I.:
water resources, 04484
Salad dressing:
mayonnaise, and related products, annual survey of industry, 03990
Salaries:
Attorney General, reduce compensation, hearings, 05164
Civil Service Commission, executive branch of Government, 08961
compensation paid scientists and engineers engaged in research and development activities, national survey, report, 04895
compensation rules under phase 3 program, hearings, 00848
employee compensation and payroll hours, department stores, 06809
equal pay, 05907
executive compensation, report, 11439
Federal employees' pay adjustment, disapprove postponement, report, 03164
Federal officers and employees, current schedules, together with history of salary and retirement annuity adjustments, 07444
Federal personnel and pay, monthly report, 02318
Federal statutory pay systems, report on comparability adjustment, message from the President, 00856
Government officials and employees—
Federal personnel manual supplement, 01993, 06111
pay structure of Federal civil service, 00798
House employees whose pay rates are specifically fixed by House resolutions, provide pay comparability adjustments, report, 03005
Library of Congress, provide increases for police force—
law, 04022
report, 03069, 03134
national and regional variations in earnings under social security, 01550

Salaries–Con.
national survey of professional, administrative, technical, and clerical pay, 06807
occupations of persons with high earnings, 03940
pay and position classification under general schedule to title 5 for certain employees of Selective Service–
law, 04023
report, 02982, 03240
pay structure of Federal civil service, Government officials and employees, 00798
pay, and position classification, Federal government, bibliography, 06114
payment to banks for credit to accounts of Federal employees and beneficiaries, 07086
professional, administrative, technical, and clerical pay national survey, 04567
referees in bankruptcy, remove restriction on change of salary for full-time–
law, 08340
report, 03067, 10721
Senate committee employees' pay, eliminate minimum limits–
law, 10569
report, 03213, 10616
State salary survey, 03967
see also Wages.
Salem Maritime National Historic Site, Mass.:
general information, 04690
Sales:
bonds for public school purposes, 07660
communications equipment in Far East, prospects for long term substantial, 11336
department store sales, selected areas, special current business reports, 02606
fuel oil and kerosine, 05603
installment and deferred-payment sales, tax information, 05473
monthly wholesale trade, current business reports, 01839
tax information, sales and other dispositions of–
assets, 04518
business or business interest, 03454
see also Military supplies.
Salesmen and salesmanship:
selling in–
Australia, 00285
Brazil, 04330
India–
Government procurement procedures, 05272
private sector, 05274
Indonesia, 04334
Nigeria, 00283
Peru, 00284
Singapore, 04331
selling to–
industry, for sheltered workshops, 01540
military, general information, 04327
Navy prime contractors, 05748
Treasury Department, 11279
Saline water, *see* Water.
Saline Water Office:
press releases, 02487
Salinity:
Colorado River agreement with Mexico, 01580, 05830, 00235
effects of salinity and salinity changes on life in coastal waters, annotated bibliography, 01143
effects of salinity and temperature on commercial shrimp, Penaeus aztecus ives, study, 00990
Houston Ship Channel, Galveston Bay, Tex., hydraulic and salinity verification, hydraulic model investigation, 00319
problems of organisms in coastal areas subject to effect of engineering works, 07712
STD observations in northeast Pacific, Sept.-Oct. 1972, 00592
temperature, salinity, and depth system, 08146
variations in sea ice, 05296
Salish Indians, *see* Flathead Indians.
Salmon:
collection and identification of presmolt Pacific salmon in Alaska, guide with illustrated key, 08145
effects of crude oil and some of its components on young coho and sockeye salmon, 07729
history of salmon in Great Lakes, 03758
logging effects on growth of juvenile coho salmon, 01152
sportsman's guide to handling, smoking, and preserving coho salmon, 05693
subfamily Salmoninae, interspecific hybridization of fishes, annotated bibliography, 10315
Salmon National Forest:
history, 06644
Salmonella:
surveillance report, 1972, annual summary, 10546
Salmonidae:
improved incubator for salmonids and results of preliminary tests of its use, 05699
see also Salmon.
Salt:
mineral industry surveys, 08006
SALT (Strategic Arms Limitation Talks), *see* Disarmament.
Salt deposits, *see* Salt domes.
Salt domes:
analysis of aquifer response for Sterling event, Tatum Dome, Lamar County, Miss., 04892
certain results obtained from experimental nuclear explosions of internal effect in salt deposits, USSR study, 08649
Salt Plains National Wildlife Refuge:
addition to National Wilderness Preservation System, objection, 06221
Salt River:
benthic survey near Thayne, Wyo., 10871
water supply outlook and snow survey, 02744
Salt water, *see* Sea water.
Salton Sea:
current measurements using ERTS multispectral imagery, 04719
Salts:
carboxymethyl cellulose salts, temporary suspension of duty, 09792
trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
Salvage:
NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oil, and smoke deposits, guide, 00602
Samoa, *see* American Samoa.
Sampled-data control systems, *see* Control system.

Samplers:
organics sampler for water, low flow rate carbon adsorption method, model LF-2, specifications, 07817
Samples:
air pollution samples, quality control practices in processing, 03880
Sampling:
development of high-purity filter for high temperature particulate, sampling and analysis, 06560
fluoride sampling and analytical methods, evaluation and modification, 07741
freezing technique for sampling steambed gravel, 05404
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
sampling plantations to determine white pine weevil injury, 06649
snow survey sampling guide, 05929
San Antonio Creek:
flood plain information, 06508
floods, 06523
San Antonio, Tex.:
area wage survey, 07943
San Benito County, Calif.:
flood plain information, San Felipe Lake and Pacheco Creek, 01119
floods on San Felipe Lake and Pacheco Creek, 01130
San Bernardino County, Calif.:
artificial recharge in Waterman Canyon-East Twin Creek area San Bernardino County, Calif., 11535
Yucca Valley-Joshua Tree area, ground water resources, 07852
San Carlos Mineral Strip, purchase property located within, report, 02991
San Clemente, Calif.:
Government expenditures on President Nixon's private properties, Presidential impeachment investigation, statement of information, hearings, 09845
protection of the President, with information on protection of past President, GAO report, 06692
San Diego, Calif.:
soil survey report, 03750
San Felipe Lake:
flood plain information, San Benito County, Calif., 01119
floods, San Benito County, Calif., 01130
San Francisco, Calif.:
area wage survey, 01356
inner mission historic preservation and take walk through mission history, 07880
San Gorgonio development project 344, Whitewater River, Calif., owned by Southern California Edison Company, 01206
San Joaquin, Calif.:
water temperatures of streams, 09346
San Joaquin River and Valley:
cotton gin operating costs, 06473
San Lorenzo River:
flood plain information, Santa Cruz County, Calif., 00303
floods, Santa Cruz County, Calif., 01131
San Luis Obispo County, Calif.:
ground water, 07846-7, 11540
San Luis unit, *see* Central Valley Project.
San Marino:
background notes, 08231
San Onofre Nuclear Generating Station:
Southern California Edison Company, fiche index for nuclear dockets, 06039
San Timoteo Canyon, Calif.:
ground-water outflow, 07849
Sand:
dredging from Tennessee River, limited study of effects, 05878
effects of sand particles on small, intricate mechanical components, 06022
minerals yearbook chapter, 08703
Project Drum Inlet, explosive excavation in saturated sand, 06533
suspended-sand discharge of Russian River, Sonoma County, Calif., 07858
Sand flies, *see* Flies.
Sandstone:
oil reservoir sandstone, analysis of factors influencing fracture initiation and orientation, 07989
Project Trinidad, explosive excavation tests in sandstone and shale, 05311
Sandusky, Ohio:
port, 09275
Sandwich construction:
advanced structural concepts for fuselage, 07187
steel faced sandwich panels, structural evaluation, 11677
Sanford, N.C.:
flood plain information, Big Buffalo Creek, Little Buffalo Creek, 01113
floods, Big Buffalo Creek and Little Buffalo Creek, 01124
Sanitary fills:
sanitary landfill, technical manual, 04869
Sanitation:
Alaska Village demonstration projects, report to Congress, 06536
disinfectants and sanitizing agents, standards for claims, and protocols needed to substantiate acceptable claims for efficacy, 08544
equipment, Federal item identification guide, 01069
town sanitary districts in Wisconsin, their legal powers, characteristics and activities, 09652
Sansom, Robert L.:
rethinking your automobile, 01184
Santa Ana River and Valley:
upper valley, ground-water outflow, San Timoteo-Smiley Heights area, 07849
Santa Barbara, Calif.:
ACCESS, Santa Barbara Regional Pilot Process, 10335
moratorium on drilling operations and Federal ecological preserve, consider establishing, hearings, 09082
Santa Barbara Channel:
Dos Cuadras Field, water injectivity test, 10086
moratorium on drilling operations and Federal ecological preserve, consider establishing, hearings, 08402
terminate all leases on Outer Continental Shelflands, hearings, 07534
Santa Barbara Channel Federal Energy Reserve:
establish, hearings, 07534
Santa Barbara County, Calif.:
ground water, 07846-7, 11540

Santa Clara County, Calif.:
flood plain information–
Alamitos Creek including Guadalupe Creek-Arroyo Calero and Santa Teresa Creek, 00300
Fisher Creek, 01115
Uvas-Carnadero Creek, Pajaro River to Uvas Reservoir, 01121
floods on Alamitos Creek, including Guadalupe Creek, Arroyo Calero and Santa Teresa Creek, 01125
Santa Clara River:
flood plain information, 06509
floods, 06524
Santa Cruz County, Calif.:
flood plain information–
Aptos, Trout and Valencia Creeks, city of Aptos, Calif., 01112
San Lorenzo River, Boulder Creek, Felton, 00303
Soquel Creek, 01120
floods on San Lorenzo River, Boulder and Bear Creeks, 01131
floods, Soquel Creek, 01137
Santa Cruz Mountains:
Oligocene stratigraphy, tectonics, and paleogeography, 05434
Santa Fe, N.Mex.:
model cities program, comparative analysis of 2d round planning years, 03430
Santa Maria, Jose R.:
relief, 00900
Santa Teresa Creek:
floods, Santa Clara County, Calif., 01125
Santaniello, Luigi:
relief, 00882
Santee River and Valley:
basin, water and land resources, North Carolina, South Carolina, 10429
Santee, Calif.:
recreation project, 1962-64 summary report, 10379
Sapsuckers, *see* Woodpeckers.
SAR, *see* Search and rescue operations.
Sarasota County, Fla.:
floods on–
North Creek, South Creek, Catfish Creek, Clower Creek, Elligraw Bayou, Matheny Creek, Sarasota County, Fla., 00308
Sarasota County coastline, 00309
Satellites:
aeronautical satellite evaluation and development system, analysis, 11788
air pollution measurements by remote sensing from satellites, 08022
artificial earth satellites, position finding, USSR study, 08660
ATS (applications technology satellite) 3–
time and frequency broadcast experiments, 06918
ATS-5 average daily variations in magnetic field observations, 10242
automatic nutation control system, testing, 11134
communications, FCC rules and regulations, 01961
contamination assessment and control in scientific satellites, 03610
cosmic radiation burst observed by Kosmos-461 artificial earth satellite, USSR study, 08650
Earth Resources Technology Satellite, 01893-4
environmental satellite imagery, 02202
extratropical cyclone with Nimbus 3 medium resolution infrared radiometer data, multispectral study, 06854
geometric investigation of effect of viewing angle on ground resolution of satellite-borne sensors, 04828
GOES, geostationary operational environmental satellite, general information, 09531
gravity gradients at satellite altitudes, 06988
ground control requirements for precision processing of ERTS images, 00434
ITOS scanning radiometer data, operational products form , 06975
metallic diaphragms for positive fuel expulsion in Atmosphere Explorer hydrazine propulsion subsystem, 08062
meteorological measurements, USSR study, 01342
meteorological satellite data, television cloud photography, 00323, 01146, 03319, 07719-21
NOAA products and services, pertaining to New York Bight, 09555
NWL precision ephemeris, 05744
orbital mechanics of flight mechanics, 06849
pole position based on Doppler satellite observations–
for 1971, 05735
for 1972, 04705
position of satellite with respect to magnetosphere of earth, 05737
relativistic effects in satellite dynamics, 04707
satellite infrared soundings from NOAA spacecraft, 03671
Satellite situation report (periodical), 02568
satellites Nimbus-3, ATS-3 view of Hurricane Camille, 08735
scanning microwave radiometer, dependence of antenna temperature on polarization of emitted radiation, 06981
stationary plasma engine and its testing aboard meteor artificial earth satellite, USSR study, 10994
subpoint prediction for direct readout meteorological satellites, 05703
synchronous satellite time delay computer, 01420
terrestrial surface power flux density limits for services using satellites, technical considerations in efficient use of spectrum, 03988
use of artificial earth satellites for measuring waves, USSR study, 11012
use of Earth Resources Technology Satellite (ERTS-1) in coastal studies, 05294
using ERTS multispectral imagery, current measurements in Salton Sea, 04719
visible radiation polarization measurements from satellite, development of experiment, 06844
Saturation:
air saturation dives, CO_2 effects on acid-base balance, 03556
air saturation diving with rats, effects on EEG and visually evoked cortical response, 07958
evoked responses and EEGs measured during shallow saturation diving, 07962
optimum gas saturation for maximum oil recovery from displacement by water, 11075
Saturn (planet):
alternate multiple-outer-planet missions using Saturn-Jupiter flyby sequence, 04624

Saturn (planet)–Con.
remote sensing of Saturn's rings, magnetic alinement of ring particles, 05631
Saudi Arabia:
construction of military facilities, agreement, 00695
economic trends and their implications for United States, 05492
National Guard modernization program, agreement, 00665
new perspectives on arms sales, hearings, 06297
Saunders, Kevin P.:
relief, 11362
Savannah (nuclear ship):
transfer to Savannah, Ga. as museum ship, report, 09026
Savannah River:
pollution of interstate waters at mouth, 11739
Savannah, Ga.:
area wage survey, 01354
ports, 09274
slime in finished water samples, report on identification, 10857
Saving and thrift:
food makes the difference, ideas for economy-minded families, 05949
winter USA, staying warm and saving money, 06470
your money's worth in food, 07117
Savings accounts, *see* Banks and banking.
Savings and Loan associations:
conversion from mutual to stock form, hearings, 10757
savings and home financing 1972 source book, 00370
selected balance sheet data, all operating savings and loan associations, 01641
see also Federal savings and loan associations
Savings banks, *see* Banks and banking.
Savings bonds:
issued and redeemed, 02718
series A-E, tables of redemption values, 02641, 03714, 05761
series E, redemption values by denomination, June 1974, 10375
tax information on United States savings bonds, 04523
Sawflies, *see* Flies.
Sawlogs, *see* Logs.
Sawmills:
sawmill manager adapts to change with linear programming, 05406
Sawtimber, *see* Timber.
Saxbe, William B.:
nomination, hearings, 07544
SBA, *see* Small Business Administration.
SBIC (small business investment companies), *see* Investment companies.
Sbicca of California, Inc.:
South El Monte, Calif., footwear for women, Tariff Commission report, 08865, 09630
Scab, *see* Scabies.
Scabies:
adult scabies mites, mouth parts, pedicels & suckers, 07163
Scablands:
channeled scablands of eastern Washington, 08611
Scale (logging):
national forest log scaling handbook, 10933
Scales (weighing instruments):
commercial specifications, tolerances, and other technical requirements, 06904
scales and balances, Federal item identification guide, 00274
Scali, John A.:
nomination, hearings, 09209
Scallops:
basic economic indicators, 01472
Scanners:
advanced scanners and imaging systems for earth observations, 03596
Scanning:
circuit implementation of Spearman rho rank detector for scanning radars, 11704
ITOS scanning radiometer data, operational products from, 06975
national plan for development of microwave landing system, 11272
scanning microwave radiometer, dependence of antenna temperature on polarization of emitted radiation, 06981
tumor scanning coding index, 02855
Scarlett, Frank M., Federal Building, *see* Frank M. Scarlett Federal Building.
Scattering:
air-scattered gamma rays above isotropic plane sources, distribution functions, 07222
curvature-corrected Kirchoff formulation for radar sea-return from near vertical, 10205
intermediate energy proton-deuteron elastic scattering, 06863
matrix description and near-field measurements of electroacoustic transducers, 10270
of acoustical signals from sea surface, USSR study, 11009
radiation and scattering by thin-wire structures in complex frequency domain, 11088
radio signals scattered by rain, experimental study of temporal statistics, 00810
radiometer transfer function for AAFE composite two-frequency radiometer scatterometer RADSCAT, 08027
Rayleigh scattering by gases at 6328A, on measurement, 03614
remote measurement of underwater currents using acoustic Doppler techniques, 04681
resolution of point scatterers by hard-limited synthetic aperture radar, 03692
scattering and attenuation of electromagnetic radiation by atmospheric particles, 08083
theory and construction of multivariate Gaussian surfaces, 01501
thin-shelled spheres, determination of distribution by diameters from electromagnetic radiation scattering data, USSR study, 11016
visible radiation polarization measurements by aerosol scattering approximation from satellite, 06844
see also Backscatter.
Scavenging, *see* Cleaning.
Schenectady, N.Y.:
area wage survey, 01353
Schertz, Tex.:
floods on Cibolo Creek, Universal City and Schertz, Tex., how to avoid damage, 00313
Schizophrenia:
bulletin, 06960
Scholars:
American in U.S. and abroad, tax information, 07898
foreign scholars, educational and cultural exchange visitors, tax information, 05472

Scholars, Woodrow Wilson International Center for, *see* Woodrow Wilson International Center for Scholars.
Scholarships:
schools participating in nursing student loan and scholarship programs, 06713
School administrators, *see* School superintendents, etc..
School attendance:
positive approaches to dropout prevention, 07666
school attendance of student beneficiaries of social security in 1969, 08214
School buildings:
environmental hazards and systems schools, 09970
School buses:
constitutional amendment to prohibit forced busing, proposal, hearings, 00230
design and construction, establish safety standards, hearings, 04121-2
School credits:
get credit for what you know, 08269
School districts:
Federal aid eliminating, reducing, preventing minority group isolation, Emergency school aid act, 01089
metropolitan area projects, 08536
School dropouts, *see* High schools–School attendance.
School Finance, *see* Education.
School libraries, *see* Libraries.
School lunches:
food program, technical amendments, 08504
National school lunch act, amend–
hearings, 04096, 06359
law, 06151
report, 02999, 03027, 03161, 03189, 09170
progress and problems in achieving objectives of school lunch program, GAO report, 00426
School of Military Sciences:
officer input, feasibility of developing procurement strategy, 07140
School superintendents, etc.:
science course materials for administrators and others interested in school curricula, conferences, 10338
Schoolcraft, Henry Rowe:
papers in Library of Congress, register, 06811
Schools:
American, State departments, foreign curriculum consultant program, 00297
aviation maintenance technician schools, certification, Federal aviation regulations, 01950
bond sales for public school purposes, 07660
century of public school statistics, 04343
community schools, promote development and expansion, hearings, 09061
counselors in public schools, 00295
drugs in our schools, report, print additional copies, report, 04045
education professions, 1971-72, annual report, school library media field manpower survey, 04346
Emergency school aid act, Federal aid to school districts eliminating, reducing, preventing, minority group isolation, 01089
financing schools and property tax relief, State responsibility, 00001
forestry in U.S., list, 09330
handicapped pupils in local public schools, provision of instruction, 06481
helping schools help children, 06955
independent American schools overseas, education of dependents of U.S. military and civilian employees, report, 09062
Kansas, with tornado protection, Shawnee Mission Public Schools, district 512, 01061
mental health in schools, annotated bibliography, 06953
metropolitan area projects funds, 08536
new approaches to physical and behavioral adaptation in schools, USSR study, 05524
one to grow on, film and discussion series for mental health in classroom, announcement and order form, 10297
overseas dependent school system benefits for teachers, 09110
public, finance, State constitutional provisions and legal materials, 06482
Safe schools act, hearings, 04097
school food program needs, hearings, 05171
school nutrition education programs, hearings, 04245
State systems, 1969-70, statistics, 05291
student advisory committee handbook, 01096
tax-sheltered annuity plans for employees of public schools and certain tax-exempt organizations, 03463
teacher turnover in public schools, 07668
traffic control for school areas, annual, 09301
vocational schools program, consumer education, 10925
see also Elementary education–Elementary schools–High schools–Private schools.
Schottky theory:
Si-Au Schottky barrier nuclear battery, 02860
Science:
academic R&D expenditures–
reached †3.3 billion in 1972, 00596
up 9 percent in 1973, 1195
Academy of Sciences, USSR–
president recounts 1973 achievements, 07912
vestnik (periodical) 02734
agricultural science review, 01615
all-Union scientific meeting on Radio Day, cybernetics, bionics, and engineering psychology, 01338
analysis of Federal R & D funding by function, 08787
Apollo 17, preliminary science report, 09485
cold regions, bibliography, 01106
collaborative research program between NBS and Indian scientific institutions, special foreign currency programs, 06920
college faculty workshops, 08791
commerce, science and technology, overview (remarks), 02892
correlation of expenditures for science and productive capital investments, USSR study, 09427
curricula–
alternatives in higher education, proposals, guide for preparation, 08790
educational program restructuring proposal, guide for preparation, 08795
documents, complete clear text representation in machine-readable form, 08105
education, field-initiated studies and experimental projects, proposals, guide for preparation, 08796
environmental science, patterns and perspectives, 03680
faculty research participation, proposals, guide for preparation, 08797
Federal incentives for innovation to meet national need, hearings, 08477

Science–Con.
Federal policy, plans, and organizations for support and utilization, hearings, 05084
Federal R&D funding shows little change, though priorities shift, 03684
Federal R&D support to State and local governments gaining in emphasis, 03685
for living, report on progress from agricultural research, 10494
graduate education, graduate students support and manpower resources, 01496
guide for operation of instructional improvement implementation projects, pre-college education in science, 11191
guide for preparation of proposals, 08789-99
improving elementary and secondary education in natural sciences, social sciences, mathematics, 10340
industrial research and development approaches †20 billion in 1972, 05715
information, improving dissemination and use, 08800
interaction of natural and social sciences at current stage, USSR study, 05537
intergovernmental science programs, program awards, 10342
intergovernmental utilization, publications, 08801
international educational, cultural, and scientific exchange programs, directory of contacts, 08852
international science notes (periodical), 05823
Kazakh Academy of Sciences, activities in 1972, USSR study, 04548
materials and instruction development, pre-college, proposals, guide for preparation, 08789
minority educational institutions science improvement programs, proposals, guide for preparation, 08793
NATO postdoctoral fellowships information, 10341
People's Republic of China scientific abstracts, 02427
physical research program, research contracts and statistical summary, 04894
policy, working glossary, 09118
regional problems of scientific, technical progress, USSR study, 08645
research applied to national needs program solicitation, 09561-6
reviews of data on resources, 03682
role in researching and developing new energy sources (remarks), 08329
science and transport, new and old forms, USSR study, 05539
science course materials for administrators and others interested in school conferences, 10338
science resoruces studies highlights, 03685, 10344, 11195-6
science, technology, and American diplomacy, 04102, 09073
scientific affairs, Eastern Europe, translations, 02665
scientific and technical cooperation, agreement with, Australia, 00692
scientific monograph series, 05711
scientific publications–
Atlantic Oceanographic and Meteorological Laboratories, 07785
format requirements, manual, 08546
scientific recommendations for national cancer program plan, digest, 04640
scientific-technical progress and revolution in military affairs, Soviet view, 08283
Smithsonian contributions to earth sciences, 10408
stewardship of basic science, National Institute of General Medical Sciences (remarks), 08779
student-oriented science programs, pre-college and undergraduate, proposals, guide for preparation, 08792
style of science, its synthesis and problems in planning of scientific progress, USSR study, 01332
support and management, USSR study, 01339
technical assistant, examination announcement, 00077
technician education program, proposals, guide for preparation, 08798
trends in science and technology and their implications for engineering education (remarks), 02896
United States-Japan cooperative program, 10350
USSR Academy of Sciences, general meeting, USSR study, 08652
USSR and East Europe scientific abstracts, 02722-8
Science and Astronautics Committee, House:
calendar, 02220
committee print, 00944, 08438-9, 09112, 09115-9, 09856-7
hearings, 00163-5, 04139-44, 05063-5, 05084-6, 07447-8, 08440-2, 09113-4, 10713, 11404
investigation and studies, authorization and expenses, report, 10623
report, 03061, 07384, 08361, 08369, 09796
Science scientific collections and museums, purpose, USSR study, 05538
Scientific Advisory Committee on Television and Social Behavior:
Surgeon General's report, hearings, print additional copies, report, 10671
Scientific institutions, *see* Nonprofit organizations–Scientific societies
Scientific research:
AFOSR 18th annual chemistry program review, 04799
collaborative research program between NBS and Indian scientific institutions, special foreign currency program, 06920
economic accountability and planning of work in research and design, USSR study, 10152
Federal funds for research, development and other scientific activities, 11190
from scientific research to atomic industry, USSR study, 03502
physical research program, research contracts and statistical summary, 04894
planning and control, USSR study, 01333
scientific-technical progress, analysis of tendencies and forecast, USSR study, 03491
solar energy research results, dissemination and utilization, 10339
see also Census Bureau.
Scientific societies:
Indian scientific institutions and NBS collaborative research program, special foreign currency program, 06920
Scientists:
contribution of university scientists, USSR study, 10985
employment of scientists and engineers, 00527
engineering and scientific occupational groups, selected characteristics, 03686

Scientists–Con.
Federal scientific and technical personnel in 1972, 10344
Federal scientific, technical, and health personnel, 03682
immigration of scientists and engineers drops sharply in fiscal year 1973, 11196
reemployment assistance unemployed, because of aerospace and defense cutbacks, GAO review, 06693
research and development in industry, 1971 funds, engineers, Jan. 1972, report, 03681
scientific manpower management, bibliography, 07313
scientists and engineers engaged in research and development activities, compensation paid, national survey, report, 04895
scientists of the future and computers in economics, USSR study, 10984
U.S. scientists abroad, examination of major programs for nongovernmental scientific exchange, 09073
United States-India exchange, information for Indian visitors to United States, 09567
Sclerosis, *see* Multiple sclerosis.
Scofield, Ernest B.:
relief, 00969, 09731
Scotch pine, *see* Pine.
Scottsville, Va.:
floods, how to avoid damage, 11463
Scotty's Castle area:
Death Valley National Mounment, development concept, 05706
Scouts (agricultural), *see* Scouts and scouting.
Scouts and scouting:
cotton insect scout, how he can help you, 03328
Scrap:
ferrous scrap export controls, hearings, 01018
ferrous scrap recovered from incinerated municipal refuse, reducing its copper and tin impurities, 01376
Government's ferrous scrap policy and future supply for foundry industry (address), 10802
metallurgical upgrading of automotive scrap steel, 06043
secondary pig iron from shredded auto scrap, 04589
separating copper from scrap by preferential melting, 04590
Scrap metal, *see* Metals.
Screening tests:
provisioning screening manual, Defense Dept., 01064
Screens:
large screen display in automated oceanic ATC, air traffic control, environment, evaluation, 11256
screening and fencing, mesh, Federal item identification guide, 04285
wicking of liquids in screens, 10257
Scrubbers:
absorption of SO2 by alkaline solutions in venturi scrubber systems, 01159
ammoniacal scrubbers to remove sulfur oxides from waste gas, evaluation of equations for designing, 11480
aqueous processes for removing NOx from flue gases, development, 04370
EPA alkali scrubbing test facility, sodium carbonate and limestone test results, 01160
flux force/condensation scrubbing for fine particulate collection, feasibility, 07751
wet scrubbing process for SOx control, measurement and characterization of particles, 04360
SCS, *see* Soil Conservation Service.
Scurry County, Tex.:
soil survey report, 00651
Sea, *see* Ocean.
Sea grant colleges, *see* Colleges and universities.
Sea ice:
height variation along sea ice pressure ridges and probability of finding holes for vehicle crossings, 05304
salinity variations in sea ice, 05296
sea ice terrain model and its application to surface vehicle trafficability, 07674
Sea-Land McLean (S.S.):
SL-7 class container ship response instrumentation system, 11227
Sea laws, *see* Maritime law.
Sea level:
fail-operational control of turbojet engine, located in sea-level test stand, 10227
forecasting pressure variations at sea level during geomagnetic disturbances, USSR study, 04550
Sea slicks, *see* Ocean.
Sea spiders:
marine flora and fauna of northeastern United States, pycnogonida, 06985
Sea water:
conversion, appropriations, 1975, authorize, report, 11386
corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
identification and control of pollution from salt water intrusion, 00724
NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oils, and smoke deposits, 00602
predicted effects of proposed navigation improvements on residence time and dissolved oxygen of salt wedge in Duwamish River estuary, King County, Wash., 01261
trace element equilibrium studies, 08811
Seaboard Coast Line Railroad Co.:
accident, summary report, 11223
Sealants, *see* Sealing compounds.
Sealing:
self-sealing limestone plugs for mine openings, laboratory study, 05329
Sealing compounds:
preservative and sealing components, Federal item identification guide, 00271
Seals and glands:
circumferential shaft seal for aircraft gear transmissions, improved, 06853
Search and rescue operations:
national search and rescue manual, 08324
on scene, National Maritime SAR review, 02402
Seas, *see* Ocean.
Seasonal labor:
projects for counter-seasonality measures, evaluation, 06498
Seats:
Apollo experience report, command module crew-couch/restraint and load attenuation systems, 03613
Seattle, Wash.:
current housing market situation, 07878
Seawater, *see* Sea water.
SEC, *see* Pennsylvania Avenue Development Corporation-Securities and Exchange Commission.

Secobarbital:
effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
Secondary education:
computers and careers, suggested curriculum, 04344
Elementary and secondary education act, amend–
hearings, 00926, 04094-5, 06396-8, 07554-5
report, 08362, 10739
improving elementary and secondary education in natural sciences, social sciences, mathematics, 10340
Secondary schools, *see* High schools.
Secrecy (law):
Executive privilege, secrecy in government, freedom of information, hearings, 03248, 09932
freedom of information, executive privilege, secrecy in Government, hearings, 05152
Secret Service:
Executive Protective Service increase size, hearings, 09111
Secretary of Commerce, *see* Commerce Department.
Secretary of Senate, *see* Senate.
Securities:
act of 1933, releases, SEC, 02576
equity transactions and ownership of directors, etc., of Federal reserve member State banks, monthly summary, 02630
Federal paperwork burden, small securities broker-dealers requirements–
hearings, 01053
report, 11431
Government National Mortgage Association mortgage-backed securities guide, 03427
listed, prohibit brokers or dealers from trading otherwise than on national securities exchanges, hearings, 09194
paperwork reduction, report, 11423
securities credit by persons other than banks, brokers, or dealers, regulations, 04416
securities, thefts and frauds, organized crime, hearings, 07510-11
transactions and holdings, 02397
U.S. obligations, direct purchase–
by Federal reserve banks, authorize, extend, report, 03132, 03187
from Treasury to Federal reserve banks, law, 00842
use of illustrations of obligations & securities of United States & foreign governments, 01544
see also Government securities–Stocks
Securities and Exchange Commission:
annual report–
departmental edition, 09606
document edition, 09022
appropriations, 1974–
hearings, 07423-5, 08407-8
law, 02954
appropriations, 1975, hearings, 09811
companies filing annual reports, directory, 10404
decisions and reports, bound volume, 01545, 05781
Member, nomination of–
Evans, John R., hearings, 05121
Polack, Irving M., hearings, 08474
releases, 01602, 02182-3, 02576-7, 02616
SEC docket, weekly compilation of releases, 02574
SEC news digest, 02575
SEC, agency independence and ITT case, legislative oversight, 09841
statistical bulletin, 02614
strengthen and improve oversight of securities industry, hearings, 06372
Securities exchanges:
act of 1933, releases, SEC, 02577
act, amend, hearings, 06372, 07423, 07425, 08407-8
Securities Investor Protection Corporation:
Director, nomination of–
Anderson, Glenn E., hearings, 04193
DeNunzio, Ralph D., hearings, 07469
Owens, Hugh F., hearings, 04193
Van Gorkom, Jerome W., hearings, 08474
Security, *see* Military security–National security.
Sedimentary rocks:
Great Lakes region, Minnesota to New York, geochemical reconnaissance for gold, 03406
Sedimentation and deposition:
Atlantic Continental Shelf and slope–
of United States, sediment texture of the northeastern part, 06701
texture of surface sediments from New Jersey to southern Florida, 07860
control of carbon dioxide cryodeposits, 03603
distribution of metals in Baltimore Harbor sediments, 07728, 10821
distribution of selected elements in surficial marine sediments of northern Gulf of Mexico Continental Shelf and slope, 05435
effects of land use and retention practices on sediment yields in Stony Brook basin, New Jersey, 09345
effects of urbanization on sedimentation and flood flows in Colma Creek basin, Calif., 11537
erosion and sediment control construction activities, comparative costs, 08266
fluvial-sediment data for California inventory of published and unpublished, 07853
inventory of suspended sediment stations and type of data analysis for Pennsylvania streams, 01258
lithostratigraphy and depositional environments of Lexington limestone (Ordovician) of central Kentucky, 08616, 10089
microbial degradation of petroleum in Continental Shelf sediments, 05303
NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oil and smoke deposits, 00602
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
protocol for evaluating nitrogen status of lake sediments, 07730
seventeen-year sediment production from semiarid watershed in Southwest, 04439
sulfur and ash in art of Pittsburgh seam and probable method of deposition, 09466
suspended-sand discharge of Russian River, Sonoma County, Calif., 07858
Seed crops, *see* Seeds.
Seeding, *see* Forest planting.
Seedlings:
effect of defoliation on carbohydrate content of yellow-poplar seedlings, 06653
planted yellow-poplar, effect of calcium cyanamide on growth and nutrition, 06665

Seedlings—Con.
tamarack seedlings prosper on broadcast burns in Minnesota peatland, 04437
two-cell chamber for measuring gas exchange in tree seedlings, 06652
Seeds:
foreign agriculture circulars, 02039
pregermination treatments for redstem ceanothus seeds, 05398
provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417
seed and planting stock dealers of more common forest and shelterbelt seeds and plants, directory, 05410
seed crops—
acreage, production, value, supply, and disappearance, 1973 preliminary, 10451
annual summary, 11254
field seed stocks report, 02578
forecast, 02579
prices, 02580
Selection and seed growing (USSR periodical), 00507
South Carolina best of 36 loblolly pine seed sources for southern Arkansas, 05407
treated seed, labeling requirements under Federal seed act, 03836
Seepage:
feasibility of control of seepage of saline ground water, Meeker Well and other phenomena in vicinity of Meeker Dome, Rio Blanco County, Colo., 10872
Seismicity, *see* Seismology.
Seismographs:
geologic structures in Gulf of Mexico basin, 01264
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
seismic refraction exploration for engineering site investigations, 06532
Seismology:
aerial seismic studies at sea and in open ocean, methodological plan, USSR study, 07935
seismic hazards and land-use planning, 10942
underground explosions and changes in properties of medium in seismically active region, USSR study, 09418
Selah, Wash.:
flood plain information, Yakima River, 01123
floods on Yakima River, 01134
Selden, Marguerite C.:
nomination, hearings, 04195
Select Committee on Presidential Campaign Activities, House:
conferring jurisdiction on U.S. district courts for District of Columbia of certain civil actions, report, 03095
Selection and seed growing (USSR periodical):
translations, 00507
Selective service, *see* Conscription.
Selective Service System:
application of general schedule pay and position classification provisions to Selective Service System employees, 02982
appropriations, 1974, 02954
semiannual report, 04730
uniform application of pay and position classification under general schedule of title 5 for certain employees—
law, 04023
report, 02982, 03240
Selenium:
mineral market report, quarterly, 02589
radiochemical separation procedures, 09701
Self-determination:
Indian self-determination and education program—
hearings, 01031
report, 08459
Self-employment, *see* Employment.
Self-government, *see* Democracy.
Self-improvement:
human self-development—
in confinement, 06002
soldier and his world, 06001
techniques of aided self-help housing, special report, 10978
Selling, *see* Salesmen and salesmanship.
Semiconductors:
detectors in medicine, symposium, 04882
discharge of superconducting storage device through inverter, USSR study, 03504
materials, process control and devices, methods of measurement, 03647
semiconductor devices and associated hardware, Federal item identification guide, 04321
semiconductor devices and their application, USSR study, 10986
semiconductor measurement technology, 09517
semiconductor measurement technology microelectronic ultrasonic wire bonding, 05649
ubiquitous semiconductors, USSR study, 06777
Seminoe Powerplant:
hydraulic turbine index tests, 10396
Senate:
appropriations, 1974, supplemental, hearings, 06367
budget, 1974, supplemental request, 09874
budget 1975, amendments, proposal, 09876
calendar, executive, 02230
calendar of business, 02227
committee employees' pay, eliminate minimum limits—
law, 10569
report, 03213, 10616
document, 00179-81, 00957-61, 04154-5, 05095-6, 06312-6, 07458-9, 08444-6, 09133-8, 09867-77, 10718, 11405
election law guidebook, Federal and State laws regulating nomination and election of Senators, 10718
executive document, 00182-8, 04156-7, 06317-20, 09878
executive report, 00185-8, 00962-5, 04158-9, 06321, 08447
journal of 92d Congress, 2d session, 09866
major achievements, summary, 08445
majority and minority leaders, history and development of offices of floor leaders, 06313
prayers offered by Edward L.R. Elson—
92d Congress print as Senate document, report, 03093, 03173
93d Congress, 09138
report, private bill, 00966-986, 03111-28, 04160-68, 10719-20, 11406-9
report, public bill, 00189-92, 00987-1004, 03129-44, 04044-79, 05097-103, 06322-51, 07460, 08448-63, 09139-76, 09879-905, 1072-48, 11410-32
Secretary, report, 00181, 09869
secure storage space for, authorize—
law, 04026

Senate–Con.
report, 03176
U.S. Capitol Historical Society wall calendars for use, authorization, report, 10738
veterans' legislation, reported, 93d Congress, summary, report, 10670
Senegal:
boundary, study, 07045
economic trends and their implications for United States, 00474
Senior citizens, *see* Aged.
Seniority, *see* Labor.
Sense organs:
research grant support in sensory fields, 06964
sensory disorders of infancy and childhood, collaborative study, bibliography, 06961
Sensing, *see* Detection.
Sensitivity:
human resources sensitivity to system design tradeoff alternatives, feasibility test with jet engine data, 09667
identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
ultrasonic signal enhancement by resonator techniques, 08057
Sensors:
advanced scanners and imaging systems for earth observations, 03596
aluminum oxide humidity sensor, laboratory study, 10272
cleaning and field calibration, maintenance manned, 09319
Conference on Environmental Quality Sensors, proceedings, 07773
flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
geometric investigation of effect of viewing angle on ground resolution of satellite-borne sensors, 04828
ground control requirements for precision processing of ERTS images, 00434
multichannel ocean color sensor (MOCS), development and flight test, 03583
radiometer transfer function for AAFE composite two-frequency radiometer scatterometer RADSCAT, 08027
remote sensor application to Army facility management, 07717
superconducting ELF magnetic field sensors for submarine communications, 11705, 11705
toward RADSCAT measurements of winds over sea and their interpretation, 03592
Sensory diseases, *see* Sense organs.
Sensory physiology, *see* Physiology.
Sentences (legal):
reform of Federal criminal laws, hearings, 07547
SEP (spherical probable error), *see* Error analysis.
Separation:
conically diffused flow with nearly separated boundary layer, 06889
Separation (military):
discharges given service members because of drug involvement, improving outreach and effectiveness of DOD reviews, GAO report, 06686
Separation of powers:
and National Labor Relations Board, selected readings, 09133-4
executive, judicial, and legislative branches of Government, investigation, report, 03220
Presidential impoundment of funds, Congress, notification and approval, provide, report, 00189
Separation processes:
radiochemical separation procedures for As, At, Be, Mg, Ni, Ru and Se, 09701
Seradilla, Jose A.:
relief, 03112
Serial (automatic data processing):
CAMAC serial system organization, description, 09703
Serials:
new serial titles–
classed subject arrangement, 02370
union list, 02371
Series (infinite), *see* Infinite series.
Serrano, Isabel E.S., *see* Ferrier, Isabel E.S.M.
Servants:
consultation on businesses in household employment and followup surveys, 08270
Service academies, *see* Military education.
Service establishments:
product performance and servicing, 01428
Service industries:
census of selected service industries, publication program, 03942
Service stations:
continued supply of gasoline and petroleum products to independent dealers, provide, hearings, 00205
outstanding gasoline service stations, 5th annual awards, 04406
petroleum marketing problems, phase 4 oil regulations, hearings, 05089
Service trade:
recordkeeping systems, bibliography, 08832
selected services, monthly receipts, 01838
Servicemen, *see* Drug abuse.
Servoactuators, *see* Actuators.
Sewage:
activated sludge plant, 200 MGD, removes phosphorus by pickle liquor, 05328
demonstration of a non-aqueous sewage disposal system, 06573
detergents effect on sewage treatment, bibliography, 09587
laboratory guide to fungi in polluted waters, sewage and sewage treatment systems, 11723
literature, review, 11741
ocean dumping in New York Bight, environmental assessment, 05295
raw and digested sludge, odors emitted, 07767
reimbursement for sewage treatment facilities construction, report, 03190
sewage bacteria, lime disinfection at low temperature, 04368
stabilization pond in maritime climate, 11546
stabilizatiin ponds in Dakotas, evaluation of use in cold climate, 11742
treatment facilities, investigations–
Orange County, Calif., 10007
Santa Barbara, 10003
treatment financing by public bodies, 11743
Waipio stabilization ponds and surrounding area, investigation, 10005
see also Sewerage systems.
Sewage plant operators:
effectiveness evaluation of operator training conducted under PSC program, 11478
manpower requirements for wastewater collection systems in cities of 150,000 to 500,000 in population, 11285
waste water plant personnel, career development guidelines, 08547

Sewage plant operators—Con.
wastewater treatment plant operators training program, extend—
law, 08341
report, 03138
Sewerage systems:
activated sludge at municipal sewage treatment plants, cost of dissolved air flotation thickening of waste, 11476
combined sewer overflow seminar papers, 10843
Detroit and Ann Arbor, Mich., tabulations from survey of discharges from combined sewers and separate storm sewers, 11749
manpower requirements for wastewater collection systems in cities of 150,000 to 500,000 in population, 11285
Pressure sewer demonstration at borough of Phoenixville, Pa., 00341
sewage treatment plants—
evaluation by tracer methods, 06048
guidance for facilities planning, 07771
sewer system evaluation, 08877
utilization of trickling filters for dual treatment of dry and wet weather flows, 06570
water and sewage bond sales in United States, 11755
see also Sewage—Waste treatment.
Sewers, *see* Sewerage systems.
Sewing machines:
used sewing machines, good buy, 03861
Sex:
blood pressure levels of children 6-11 years, relationship to sex, 06931
mortality trends by sex, 06932
sex comparison of reasons for attrition of nonjourneyman FAA air traffic controllers, 09705
Sex discrimination, *see* Discrimination in employment.
Seymour, Conn.:
flood plain information, 07689
Sferics:
iterative methods for plasma-sheath calculations, application to spherical probe, 10236
Sgammato, Dominick A.:
relief, 02925
Shafts:
advanced torque measurement systems technique for aircraft turboshaft engines, 04875
circumferential shaft seal for aircraft gear transmissions, improved, 06853
feasibility of tapered roller bearings for mainshaft engine applications, 06017
HLH/ATC drive system aft rotor shaft bearing test, report, 08290
propulsion, ship, Federal item identification guide, 03267
Shagawa Lake:
rates of photosynthesis and phytoplankton growth, 05319
Shale:
chemical analysis of slickensides from coal mine roof shale, 11634
expansive clays and shales in highway design and construction, 06607-8, 06610
Project Trinidad, explosive excavation tests in sandstone and shale, 05311
see also Oil shale.
Shale oil:
crude shale oil produced by in situ retorting, methods for refining, 08002
hydrocracking of crude shale oil over cobalt molybdate catalyst, some effects of pressure, 07999
Shanghai, China:
synoptic meteorological observations, 11706
Shapes:
effect of profile shape on aerodynamic characteristics of wing near shield, USSR study, 09396
Shapes (metal):
steel mill shapes, inventories, current industrial reports, 07265
Shawnee Mission Public Schools:
district 512, Kansas with tornado protection, 01061
Shear (mechanics):
application of boundary integral method to elstic analysis of V-notched beams, 04626
metallic shear walls for BMD ground support systems, 09983
Shear layer, *see* Boundary layer.
Shearing stresses, *see* Strains and stresses.
Sheds:
urban air shed photochemical simulation model study, 05322-3
Sheehan, John E.:
bank capital adequacy, time to pause and reflect (remarks), 03360
Sheep:
and goats inventory, 10452
census of agriculture 1969, 06071
on feed, 08244-5
Sheep ranches, *see* Ranches.
Sheet metal:
comparison of isothermal and cyclic oxidation behavior of 25 commercial sheet alloys, 10249
metal bars, rods, wires, sheets, plates, and shapes, Federal item identification guide, 07607
shear-stress intensity factors for elastic sheets with cover plates, 10240
Sheets:
sheets, pillowcases and towels, current industrial reports, 11321
Shellfish:
Alabama landings, 01636
California landings, 01698
canned fishery products, 08781
Chesapeake landings, 00582
Florida landings, 02029
Georgia landings, 02063, 08140
Hawaii landings, 00583
interstate certified shippers list, 02177
Louisiana landings, 01471, 02264, 11691
Maine landings, 02267
Maryland landings, 02279
Massachusetts landings, 02280
Middle Atlantic fisheries, 06969
Mississippi landings, 02302
New England fisheries, landings, 05692
New Jersey landings, 02365, 04677
New York landings, 02372
North Carolina landings, 02383, 10308
Rhode Island landings, 02550
situation and outlook (periodical), 02591
South Carolina landings, 02602, 09546, 11690
Texas landings, 02648, 05691
Virginia Landings, 02737
Shells (aircraft):
numerical analysis of stiffened shells of revolution, 00541-4, 03576-7
Shells (ordnance):
effects of vertical wind on tactical rockets and artillery shells, 04824

Shells (structural):
comparison of finite-difference schemes for stress analysis of shells of revolution, 05616
computer program for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
conically diffused flow with nearly separated boundary layer, 06889
finite element for thermal stress analysis of shells of revolution, 06859
laminated, composite, circular cylindrical shells, analysis, 10260
stiffened shells of revolution, numerical analysis, 01389
thin-shelled spheres, determination of distribution by diameters from electromagnetic radiation scattering data, USSR study, 11016
Shelter belts:
seeds and plants, directory of dealers, 05410
Shelters, *see* Housing.
Shenandoah National Park:
designate certain lands as wilderness area—
hearings, 04227
report, 00991
Shenandoah, Ga.:
special flood hazard information, 07710
Shepherd Islands:
journal of trip, 10301
Shepherd, Ann E.:
relief, 00889, 02911, 03114
Sheridan County, Mont.:
conservation needs inventory for land resource planning, 00638
Shielding:
accelerator radiation protection, 04845
electromagnetic shielding of structures, 07684
radial blanket and shield simulation experiments, 09704
RFI shielding effectiveness, weld defects, effect, 06493
Shields:
effects of profile shape on aerodynamic characteristics of wing radar shield, USSR study, 09396
for electrical and electronic components, Federal item identification guide, 04282
Shift:
susceptibility to anxiety and shift difficulty as determinants of state anxiety in air traffic controllers, 07250
Ship:
shaft, propulsion, Federal item identification guide, 03267
Ship structure, *see* Shipbuilding.
Ship Structure Committee:
SSC series, 03735-6, 07026-7, 08828, 11227-8
Ship terminals, *see* Terminals (transportation).
Shipbuilding:
economics of shipbuilding industry, USSR study, 08642
growth and development of U.S. shipping and ship building industries under Merchant marine act of 1970 (remarks), 03552
load criteria for ship structural design, 03736
provisions to Merchant marine act to develop balanced fleet and improved labor-management relations in shipbuilding (remarks), 06815
relative cost of shipbuilding, in various coastal districts of U.S. annual report to Congress, 03554
report, American Shipbuilding Commission, 03891-4
ship electrical installation production, USSR study, economics, organization, and planning, 11561
ship steels, effect of temperature and strain, 07026
shipyard production and mobilization model, 11592
use of technical-economic methods in ship design, USSR study, 01343
Shipments:
air shipments of domestic animals, problems, hearings, 08397
anti-friction bearings, manufacturer's production, shipments, and unfilled orders, 04917
defense-oriented industries, current industrial reports, 07261
failure analysis of helicopter external cargo-handling systems, 00040
manufacturers current industrial reports, 01846
rapid deployment, redeployment, and retrograde procedures, engines, turbines and components, 06008
selected plastics products, current industrial reports, 02875
small shipments, arranging transportation, 03486
Shippers:
interstate certified shippers list, 02177
ocean freight rate guidelines, 07331
shipper rights, remedies, and alternatives, arranging transportation for small shipments, 03486
Shipping:
code of Federal regulations, 04415, 11525-7
developments in intermodal transportation (remarks), 08566
Energy transportation security act, report, 08370, 08375
FMC's jurisdiction if Shipping act concerns are dominant (remarks), 10908
foreign trade reports, 02697, 02700
future of American shipping (remarks), 01204
growth and development of U.S. shipping and shipbuilding industries under Merchant marine act of 1970 (remarks), 03552
international cooperation in world shipping (remarks), 06616
maritime services, radio stations on land, shipboard, etc., FCC rules and regulations, 01958
occupational safety and health, maritime standards and interpretations, 05749
ocean commerce between Hawaii, Guam, American Samoa, or Trust Territory of Pacific Islands, prevent interruption, hearings, 06376
on scene, National Maritime SAR review, 02402
Panama Canal operations, hearings, 07436
seaword, developments in American flag shipping, 02573
strengthen U.S.-flag competition in international maritime markets (remarks), 01205
United States military rights and maritime practices in Bahamas, continuance, agreement with Bahamas, 03780
waterproof marine ventilation system for dry freight shipping van containers, 05946
worldwide marine weather broadcasts, 08162
see also Transportation-Water carriers.
Shipping bags:
bags, envelopes and shipping sacks, Federal item identification guide, 07605

Shipping chests, *see* Chests.
Shipping conferences:
  government regulation of foreign waterborne commerce of United States (remarks), 10909
Shipping containers, *see* Containers.
Shippingport, Pa.:
  atomic power station, assessment of environmental radioactivity in vicinity, 07011
Ships:
  bulk carriers in world fleet, oceangoing merchant type ships 1,000 gross tons and over, 08689
  cargo and miscellaneous vessels, Coast Guard rules and regulations, 03970
  economic substantiation in design of seagoing cargo vessels, USSR study, 11021
  economics, organization, and planning of ship electrical installation production, USSR study, 11561
  foreign sale of SS Independence, report, 10648
  inactivated away from home port, travel expenses for certain crewmembers—
    hearings, 09053, 11393
    law, 04019
    report, 03050, 03228
  load lines on U.S. and foreign vessels, require—
    law, 02940
    report, 03000
  loan, extension agreement with, Korea, Republic, 05843
  marine pollution from ships, IMCO conference, hearings, 07483
  merchant fleets of world—
    oceangoing steam and motor ships of 1,000 gross tons and over, 03553
    statisticl analysis, 09455
  merchant vessels, United States, 02323, 07318
  military procurement, appropriations, 1974 request, 02963
  noise and vibration control on seagoing vessels, USSR study, 03506
  NTSB marine decisions from Apr.1,1967-Dec.31,1972, safety enforcement cases, 08161
  oceangoing merchant ships of 1,000 gross tons and over, scrapped and lost during calendar year, 06816
  reappraisal of ships in maritime, river and fishng fleets Jan. 1, 1973, USSR study, 09385
  rules and regulations for manning of vessels, 07319
  sale of vessels stricken from naval vessel register—
    hearings, 06278
    report, 10609
  shaft, propulsion, Federal item identification guide, 03267
  ship response data study, 07027
  ship stress and environment data—
    computer programs for digitizing and using of library tapes, 07027
    method for digitizing, preparing and library tapes, 03735
  stray direct current effects at various current densities on corrosion of steel, 11209
  surface ship & submarine safety review, fathom (periodical), 01937
  vessel entrances and clearances, foreign trade, 00778, 02699
  vessels, termination of loan agreement with, Turkey, 05829
  water pollution caused by operation of vessels, report, 09325
  watercraft waste disposal, conference proceedings, 11732
  see also Shipbuilding.
Shipyards:
  maritime manpower report, seafaring, longshore and shipyard employment, 02276
Shiskin, Julius:
  nomination, hearings, 01037
Shock (mechanical):
  shock and vibration digest, 02592
  terminal-shock and restart control of Mach 2.5, axisymmetric, mixed-compression inlet, 08049
Shock tunnels:
  pilot model expansion shock tunnel test flow properties obtained from velocity, pressure, and probe measurements, 06862
Shock waves:
  optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
  sharp- and blunt-nose streamwise corners shock waves and boundary layer interaction, 10234
  unsteady Mach reflections and Prandtl-Meyer supersonic flows, calculation of interaction of traveling shock wave with wedge, 05745
  velocity lag of solid particles in oscillating gases and in gases passing through normal shock waves, 09503
Shoes, *see* Boots and shoes.
SHOLO (short logs), *see* Logs.
Shore operations, *see* Military art and science.
Shoreline areas:
  Federal, State, and local cooperation in Federal coastal zone management program (address), 07328
  national shoreline study, general information, 01111
Shortages, *see* Supply and demand.
Shortite:
  thermal characteristics, 09474
Shortleaf pine, *see* Pine.
Shotguns, *see* Firearms.
Shows, *see* Amusements.
Shrimps:
  basic economic indicators, 01473
  breaded, current fisheries statistics, 02025
  effects of salinity and temperature on commercial shrimp, Penaeus aztecus ives, study, 09990
  fisheries, shrimp, agreement with Brazil, 11780
  fishing agreement with Brazil, implement—
    hearings, 04135
    law, 06196
    report, 09881
  Gulf Coast, data, 02076, 11179
  landings, 1972, 02593, 11178
  offshore fishing agreement with Brazil, implement, report, 06241
Shrontz, Frank A.:
  nomination, hearings, 01016
Shrubs:
  wildland shrubs, their biology and utilization, international symposium, 03395
Siaotong, Jay A.C.:
  relief, 02909
Sick:
  acute conditions, incidence and associated disability, 08109

Sick–Con.
cash benefits for short-term sickness, 1972, 08209
nursing homes for chronically ill, selected characteristics, 08110
occupational injuries and illnesses by industry, July 1-Dec. 31, 1971, 06803
on financial protection for Federal employees, 08322
Sick pay, *see* Pay, allowances, etc..
Siding:
Federal item identification guide, 04314
hardboard siding, 09525
Sierra Leone:
economic trends and their implications for United States, 00481
mineral industry, minerals yearbook chapter, 11619
Sierra Nevada:
Calif., gold-bearing gravel of ancestral Yuba River, 10947
Sierra, Bertha A.:
relief, 00890, 02912
Sight:
chronic visual electrophysiological research, feline head-holder and body-restrainer for use in, 06823
measures of visual evoked responses and EGGs during shallow saturation diving, 07962
nitrogen narcosis and visual evoked responses in unanesthetized cat, 06829
peripheral visual response time to colored stimuli imaged on horizontal meridian, 09498
vision test validation study for health examination survey among youths, 06927
visual characteristics of submarine school candidates, submariners and Navy divers, 11039
Signal light guns:
utility of several clinical tests of color defective vision in predicting daytime and nighttime performance with aviation signal light gun, 08902
Signal processors:
calculator-controlled signal processing, recovery of acoustic pulse waveforms, 10359
Signal systems:
selective digital computer signal systems, 06609
Signals:
device for separation of bio-electrical signals during effect of high-frequency electric currents on organism, USSR study, 03492
discrete photoelectric tracking system with storage of error signal, USSR study, 01335
electromagnetism signalling in animate nature, USSR study, 11562
high frequency and microwave signals, frequency stability specification and measurement, 01419
irradiation of broken pin in sodium circuit, 09689
scattering of acoustical signals from sea surface, USSR study, 11009
signal (biological) field and their significance, USSR study, 09402
signal transmission and delivery between head-end and subscriber terminals for broadband cable teleservices, survey, 03985
ultrasonic signal enhancement by resonator techniques, 08057
see also Radar.
Signs:
Federal item identification guide, 04294
Signs (road):
highway sign symbology, international conference, proceedings, 05359
Sikeston, Mo.:
motor carrier accident investigation report, 09476
Sikkim:
area handbook, 04861
map, 04943
Silcock, Burton W.:
nomination, hearing, 04223
Silica:
BaO and SiO_2 properties of glasses in some ternary systems containing theses, 03632
Silica fibers, *see* Fibers.
Silicate glasses, *see* Glass.
Silicates:
zeolites and associated authigenic silicate minerals in tuffaceous rocks of Big Sandy Formation, Mohave County, Ariz., 06707
Silicon:
beryllium-doped silicon, low temperature coefficient of resistance and high gage factor, 11128
Silicon compounds:
epitaxial growth of 6B silicon carbide in temperature range 1320°-1390°C, 08074
pyrocarbon and silicon carbide-coated uranium thorium carbide beads, interlaboratory comparison evaluation, 06044
silicon carbide, disposal from national and supplemental stockpile–
hearings, 06277
law, 06179
report, 00997
Silicon diodes:
silicon power diodes, analysis of reverse bias characteristics, effects of nuclear radiation, 04625
Silicon dioxide, *see* Silica.
Silk:
spun yarn, suspension of duty, continue, report, 03068
Silurian period:
Silurian rugose corals of central and southwest Great Basin, 06703
Silva, Federico:
relief, 11373
Silva, Manuel H.:
relief, 02932
Silver:
mineral industry surveys, 02064, 11601
minerals yearbook chapter, 07981
national emissions inventory of sources and emissions of silver, 08552
Silvex, *see* Trichlorophenoxy propionic acid.
Silviculture, *see* Forests and forestry.
Silvis, Ill.:
railroad employee accident, investigation, report, 08199
Simon, William E.:
nomination, hearings, 09927
Simulation:
Air Force training line computer simulation, 07152
Apollo experience report, crew station integration, stowage and support mockup team concept, 03611
comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251

564-800 O - 75 - 28

Simulation–Con.
computer simulation of multi-aircraft flights, aid to mission planning, 06978
computer simulations of 3 adaptive instructional models for advanced instructional system, 09665
controlled evaluation of reactive environmental simulation model (REM), 05321
determination of coronal ozone production by high voltage power transmission lines, 04362, 07750
estimation of petroleum exploration success and effects of resource base exhaustion via simulation model, 05418
evaluation of diffusion model for photochemical smog simulation, final report, 01155
flight model spacecraft performance during thermal-vacuum tests, analyses, 06878
hydrograph simulation models of Hillsborough and Alafia Rivers, Fla., 01256
improved DVOR low level receiver maintenance simulation, final report, task 2, 10454
in-flight and laboratory vacuum-friction test results, 06880
investigation of maneuverability of S-67 winged helicopter, 00041
local linearization algorithm for integration of quaternion rate equations in real-time flight simulation problems, 06866
numerical model of ride dynamics of a vehicle using a segmented tire concept, 01145
numerical simulation of noise propagation in jet engine ducts, 04623
of hydrazine-driven emergency power generator, 06489
postflight simulation of parachute deployment dynamics of Viking qualification flight tests, 01409
radial blanket and shield simulation experiments, 09704
removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
risk, conflict, and uncertainty in decision making and in its simulation, USSR study, 08666
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
rotorcraft flight simulation computer program, C-81 general description, 00743
sawmill manager adapts to change with linear programming, 05406
simulating changes in even-aged timber stands, 04444
simulation of high-resolution radar displays of city complexes, 02830
single-axis dual-level precision pointing system, laboratory simulation, 03602
space simulation, conference proceedings, 04617
stochastic simulation models, reliable results, 07830
system laboratory simulation, 03602
thermal systems of space vehicle and its environment, 03620
urban air shed photochemical simulation model study, 05322-3, 09278-81
see also Flight simulation.
Simulators:
Air Force training line simulator, 07152
Federal item identification guide, 03276
simulator evaluation research project of display concepts for pilot monitoring and control of space shuttle approach and landing, 08032
ground-based simulator input data for advanced tandem-rotor helicopters for hovering, 08294
hot-flow problems related to gas core reactor, simulator tests to study, 06845
simulator evaluation research project of display concepts for pilot monitoring and control of space shuttle approach and landing, 08032
see also Aircraft simulators–Flight simulators–Solar simulators–Space simulators.
Sine waves:
sinusoidal temperature waves for measuring thermal properties of cylindrical specimens , 05298
Singapore:
accessions list, Library of Congress, Djakarta, 01598, 11030
background notes, 01566
economic trends and their implications for United States, 04533
selling in Singapore, 04331
Sinkers:
map, line and sinker, 03411
Sinks:
coiled-pipe heat sink, analytical study, 05302
have sparkling clean kitchen sink, 03871
Sinuses:
permeability of mucous membranes of frontal sinus under influence of microwaves, USSR study, 09407
Sinusitis:
general information, 05673
Sinusoids, *see* Sine waves.
Sioux Falls, S. Dak.:
water resources of Big Sioux River valley near Sioux Falls, S. Dak., 03419
Sioux Tribe, *see* Sisseton Indians–Wahpeton Indians.
Sippers:
cooperative State-PHS program for certification of interstate milk shippers, procedures governing, 06638
Sires, *see* Bulls.
Sisal hemp:
disposal from national stockpile, hearings, 09818
Siskiyou National Forest:
dedication remarks, 00723
Sisler, Grace F.:
mineral interests in certain land in Missouri, sell to Grace F. Sisler, 10745
relief, 10745
Sisseton Indians:
Sioux Tribe of Lake Traverse Reservation, consolidate land holdings in North and South Dakota, report, 11427
Site indexes:
polymorphic curves for shortleaf pine in Ouachita Mointains, 00419
Sites:
changes in law recommended to enable GSA to be more effective in selling excess properties and acquiring public building sites, GAO report, 07837
design, siting, and construction of low-cost housing and community buildings to better withstand earthquakes and windstorms, 06903
engineering site investigations, seismic refraction exploration, 06532

Sites–Con.
new Federal offices and other facilities, location, third annual report, 07131
terminal navigational facilities, site requirements, 02837
thermal power plant siting in Pacific Northwest, panel discussion, 11213
see also Historic sites.
Sixes Bridge:
Potomac River basin, reformulation, engineers report–
departmental edition, 09989, 10814
document edition, 09739, 10594
Skilled trades, *see* Occupations.
Skin diseases:
dermatomycosis in colony of Long-Evans rats, observations on occurrence, 04840
Skirts:
aprons, dresses, and skirts, Federal item identification guide, 00256
Sky:
sky target experiments, computer program to determine possible daily release window, 11650
Skylab, *see* Space stations.
Skywater Project, *see* Project Skywater (atmospheric water resources program).
Skyways International, Inc.:
aircraft accident report, 09570
Slabs:
concrete floor slabs on grade, design manual development, 07683
Slag:
mineral industry survey, 08007
phosphorus furnace slag utilization in ceramic wall and floor tile, 09468
rapid wet chemical methods for analysis of blast furnace, slags, 11603
Slash, *see* Forests and forestry.
Slash pine, *see* Pine.
Slaughtering:
livestock, meat and lard production, 10447
livestock, monthly report, 02255
slaughtering, cutting, and processing pork on farm, 05936
Sleepwear, *see* Pajamas.
Sleeving (insulating):
electrical, Federal item identification guide, 08522
Slickensides:
chemical analysis of slickensides from coal mine roof shale, 11634
Slimes, *see* Sludge.
Slings:
automatically stabilizing helicopter sling loads, 11664
cargo slings with nondestructive checkout systems, development, 07201
helicopter external load effects on sling properties, 09685
in-flight stabilization of externally slung helicopter loads, 06010
Slip laws, *see* Law.
Slippers, *see* Boots and shoes.
Slopes:
planetary, photometric technique for determining from orbital photographs, 04477
riprap slope protection for earth dams, review of practices and procedures, 00620
snow and frost depths on north and south slopes, 06647
Slots:
chute offsets, air slots, and deflectors for high-velocity jets, hydraulic model studies, 03724
effect of slot spoilers on aerodynamic characteristics of light twin-engine airplane, full-scale wind-tunnel investigation, 01406
NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, low-speed aerodynamic characteristics, 11097
Sludge:
activated sludge at municipal sewage treatment plants, cost of dissolved air flotation thickening of waste, 11476
activated sludge treatment systems with oxygen, 07764
alum addition to activated sludge with tertiary solids removal, 00335
hydrogen peroxide cures filamentous growth in activated sludge, 07760
lime/limestone sludge disposal options, evaluation, 10848
neturalization processes to treat coal mine drainage, 07766
pilot plant studies on dewatering primary digested sludge, 01164
pressure filtration of waste water sludge with ash filter aid, 00340
raw and digested sewage, odors emitted from, 07767
recycling municipal sludges and effluents on land, 11485
report on identification of slime in finished water samples, Savannah, Ga., 10857
sludge incineration and fuel conservation, 09290
Slurries:
slurry flow in vertical pipes, 01479
Smackover formation:
geochemistry of liquids, gases and rocks from Smackover formation, 11072
Small arms, *see* Firearms.
Small business, *see* Business.
Small Business Administration:
appropriations, 1974–
hearings, 00198
report, 02967
appropriations, 1975–
hearings, 10679
business loans, 05787
essays marking 20th anniversary, vital majority, 05789
key features of SBA's principal lending programs, 05783
lease guarantee, 05784
limited success of Federally financed minority businesses in 3 cities, GAO report, 06688
loan ceiling, increase, hearings, 04089
loans to local development companies, 05785
minority vendors program, 05786
operation BUSINESS MAINSTREAM, more business opportunities for all minority individuals, 05788
operations, oversight investigation, hearings, 08386
programs, policies, and operations (1973)–
hearings, 04147
report, 10632
technology utilization program–
hearings, 00945
report, 05031
Small Business, Permanent Select Committee on, House:
committee print, 07449
hearings, 00166, 00945, 04145-9, 05089-90, 06308, 07576, 09120, 10714
history and accomplishments, print as House document, report, 03043, 03204

Small Business, Permanent Select Committee
House—Con.
investigations and studies, authorization and expenses, report, 10643
report, 03084, 04050, 05031, 06225, 07376, 10632, 10662
Small Business, Select Committee on, Senate:
committee print, 05188
hearings, 00243, 01053, 07575, 07577
report, 08457, 11431
SMI, *see* Medicare.
Smiley-Heights, Calif.:
ground-water outflow, 07849
Smith, Don S.:
nomination, hearings, 09195
Smithsonian Institution:
annual report—
departmental edition, 05792
document edition, 05026
appropriations, 1974—
law, 02944
report, 03006
waiving points of order, report, 02968
calendar of events, monthly, 01697
contributions to earth sciences, 10408
contributions to zoology, 00630-1, 01548, 07029, 08205-6, 08836, 09608-9, 11760-2
First Ladies Hall, 03737
pianos in Smithsonian institution, 05791
research reports, 02546
Smithsonian torch, 02595
studies in history and technology, 00632, 01549, 05790-1
Smog:
evaluation of diffusion model for photochemical smog simulation, final report, 01155
measuring behavior of aerosols in smog-chamber studies, evaluation of instrumentation, 04591
Smoke:
NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oil and smoke deposits, 00602
Smokestacks:
full-scale desulfurization of stack gas by dry limestone injection, 06554-6
Smokey Bear:
National Smokey Bear Workshop, Jan.9-11, 1973, Tallahassee, Fla., 03402
Smoking:
and health bulletin, 02596
at one time ratio of male to female deaths from lung cancer was nearly 7-1, it is now 4-1 (poster), 08956
listen smokers, 04942
twenty five years ago they would have given us some dumb reasons for not smoking (poster), 08958
what's new on smoking in print and on film, bibliography, 04653
Smuggling:
hashish smuggling and passport fraud, activities of Brotherhood of Eternal Love, hearings, 07540
Snails:
Devonian carrier shells (Euomphalidae) from North America and Germany, 05436
SNAP (systems for nuclear power), *see* Atomic auxiliary power generator.
Sneed, Joseph T.:
nomination, hearings, 03156
Snipes:
hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
hunting, possession, transportation and importation, 1973-74, Federal regulations, 00656
Snow:
areal snow cover observations in central Rockies, Colorado, 08586
conditions, weather and crop bulletin (periodical), 02785
early season snow report for Colorado, Jan. 1, 1974, water supply outlook, Federal-State-private-cooperative snow surveys, 10424
expedient snow airstrip construction technique, 09270
Federal-State-private cooperative surveys—
Alaska, 02203
Arizona, 02744
Colorado, 11242
Idaho, 02745
Montana, 02746, 03752
Nevada, 02747
Oregon, 02748, 03753, 08844
Washington State, 02750
Western United States, including Columbia River drainage in Canada, 04735
Wyoming, 02751
National Weather Service River Forecast System, snow accumulation and ablation model, 10319
snow and frost depths on north and south slopes, 06647
snow survey measurements for Oregon, summary, 08844
snowmelt lysimeters perform well in cold temperatures in central Colorado, 04438
Soil Conservation Service's snow survey program, 04736
stratigraphic layers, effects of water flow through, 01102
survey phase of Project Skywater, Colorado, annual report, 09612
survey sampling guide, 05929
wet snow, theory of metamorphism, 05297
see also Avalanches.
Snow Mountain Wilderness:
designate in Mendocino National Forest, hearings, 04111, 04228
Soap:
and detergents for home laundering, 04780
Federal item identification guide, 06433
Soapstone:
mineral industry surveys, 08009, 11077
Sobotka, August:
Intake, Mont., conveyance of land to, hearings, 08491
Social adjustment:
from I to we, caring for children, 07300
Social and Rehabilitation Service:
Administrator, nomination of James S. Dwight, jr., hearings, 04199
program application report, 08837-41
publications, list, 11229
quality control field investigation guide for State reviewers, 11765
SRS research information system, index, 11230
Social Behavior and Television Scientific Advisory Committee, *see* Scientific Advisory Committee on Television and Social Behavior.
Social interaction, *see* Behavior-Group behavior.
Social problems, *see* Society.
Social processes, *see* Society.
Social psychology, *see* Psychology.
Social sciences:
environmental social science and related literature, bibliography, 07778

Social sciences—Con.
improving elementary and secondary education in natural sciences, social sciences, mathematics, 10340
interaction of natural and social sciences at current stage, USSR study, 05537
social and health indicators system—
Athens, 08938
Mound Bayou, Miss., 09711
Phoenix, 08938
Social security:
act—
amend, report, 04177
amendments of 1973, 09008
medical assistance financed under title 19, 02287
benefits, increase, authorize—
law, 06189
report, 04063
bulletin, 02597
changes in social security benefits under Public law 93-233, 11766
characteristics of State public assistance plans under Social security act, 00634
clergymen and religious workers, social security information, 05477
disability applicant, 1968 statistics, 05797
disability applicant, 1969 statistics, 10421
future directions in social security, hearings, 04181
health insurance under social security, your medicare handbook, 05798
if you're self-employed, reporting your income for social security, 03739
international social security agreements, measures to protect international migrant workers, 10420
mathematical aspects of amendments in Public law 93-66, 05793
national and regional variations in earnings under social security, 01550
old-age, survivors, and disability insurance and medicare programs, 1971, Advisory Council on Social Security report, 04772
programs in United States, 01551
research and statistics note, 00637, 01550, 04733, 08207-12, 08213-6, 08843, 10418-9, 11768-70
rulings on Federal old-age, survivors, disability, and health insurance and miner's benefits, 02598
student beneficiaries, school attendance in 1969, 08214
supplemental security for the aged, comparison of 5 countries, 05795
supplemental security income, pocket guide, 10417
survey of institutionalized adults, report, 10410, 10410
Switzerland, agreement with, 00691
target rehabilitation, what professionals should know about social security disability program, 01552
your earnings record, 10422
your medicare handbook, health insurance under social security, 07034
your social security, 01553
your social security check while you are outside United States, Italian edition, 05799
see also Old age, survivors, disability and health insurance-Public welfare.
Social Security Administration:
actuarial note, 05793, 07030, 11766-7
annual report, 09860
Research and Statistics Office, staff paper, 05795, 10416
service area directory, 05796
SSI series, 05798, 07034, 10423
Social services, *see* Social work and problems.
Social studies, *see* Social sciences.
Social welfare, *see* Social work and problems.
Social work and problems:
agency work contexts study, implications for—
administration, 08838
organizational development, 08841
personnel management, 08839
supervision, 08837
training, 08840
community schools, promote development and expansion for community services, hearings, 09061
consumer involvement in delivery of social service, 00633
institutionalization of elderly, 1973, alternatives, hearings, 07550
social services and welfare reform, open executive session of Finance Committee, 04200
social welfare expenditures in fiscal year 1973, 08208
see also Medical social work.
Social workers:
mental health services under Federal employees' health benefits program, hearings, 09849
Socialism:
U.S. trade status with Socialist countries, 06467-8
Society:
ACCESS, Santa Barbara Regional Pilot Process, 10335
foreign experience with monetary policies to promote economic and social priority programs, 09058
social and economic effects of highways, 10029
social indicators, social conditions and trends in United States, selected statistics, 10170
social psychology and social planning, USSR study, 06776
weekly Government abstracts, 02761
Socioeconomics:
blood pressure levels of children 6-11 years, relationship to socioeconomic status, 06931
socioeconomic environmental studies series, 01185-9, 05337-8, 06589, 07776-8, 10001-2, 10859-60
using 1970 census socioeconomic data, estimating mental health needs, model, 10296
Sociology:
development digest (periodical), 01877
Eastern Europe, translations, 02664-5
political and sociological affairs, USSR translations, 02678
Sockets:
socket, plug-in electronic components, Federal item identification guide, 05208
wrench sets, socket, Federal standard, 00383
Sockeye salmon, *see* Salmon.
Sodium:
compounds, mineral industry survey, 08008, 11641-2
irradiation experiment of sodium bond carbide fuel in Rapsodie fast reactor, 06036
irradiation of broken pin in sodium circuit, 09689

Sodium—Con.
monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage, 09690
problems of removal and deactivation of fast reactor circuits and components, 02842
reactions between fuel (U,Pu)02 and sodium, 07211
tests of fuel assemblies under sodium in Na3 loop of CEN/SCK-Mol, 09691
tetrasodium ethylenediaminetetraacetate (EDTA), tests and procedures for determing purity, 11205
Sodium carbonate:
EPA alkali scrubbing test facility, sodium carbonate and limestone test results, 01160
Sodium tungsten bronze, *see* Bronze.
Soft drinks:
manufacture, distribution, and sale of trademarked soft drink products under antitrust laws, clarify circumstances, report, 00190
Soil:
effect of physical soil properties on cotton emergence, 04796
ground resistivity survey in area of Tennessee-Tombigbee Waterway, 01105
Soil conservation:
conservation for quality living in New Hampshire, 01554
conservation needs inventory for land resource planning—
Big Horn County, Mont., 03740
Daniels County, Mont., 03741
Meagher County, Mont., 07035
Sheridan County, Mont., 00638
Valley County, Mont., 03742
Wheatland County, Mont., 03743
conservation tillage, produce, protect and conserve energy, 10428
farming terraced land, 07118
Nevada, 1973, report, 10427
progress in meeting important objectives of Great Plains conservation program could be improved, GAO report, 00427
published soil surveys, list, 00641
soil and moisture conservation report, 05775
soil conservation (periodical), 02599
Virginia, land for living, 1972 report on conservation, 00654
Soil Conservation Service:
conservation highlights, 1972, summary, 01555
progress in meeting important objectives of Great Plains conservation program could be improved, GAO report, 00427
published soil surveys, list, 00641
snow survey and water supply forecast program, 04736
Soil engineering, *see* Soil mechanics.
Soil erosion:
erosion and sediment control, construction activities, comparative costs, 08266
publications, price list, 03717, 03717
Soil mechanics:
expansive clays and shales in highway design and construction, 06610
laboratory load tests on buried flexible pipe, steel and fiberglass reinforced resin pipe in sand backfill, 03725
RPM pipe deflections on Yuma project field test, 04724
Soil Microcommunities Conference:
proceedings, 09697
Soil moisture, *see* Soils.
Soil stabilizing agents, *see* Soils.
Soil temperature, *see* Soils.
Soils:
airborne resistivity survey near Fairbanks, Alaska, aid in bedrock geology reconnaissance, 10810
and people, Evangeline Parish, advantages of soil survey, 00653
Bimgham area, Idaho, soil survey report, 01558
black walnut growth better on deep, well-drained bottomland soils, 04436
California cooperative soil surveys, what they can do for you, 08217
conservation districts, 05800
effect of physical soil properties on cotton emergence, 04796
ground resistivity survey in area of Tennessee-Tombigbee Waterway, 01105
Farmers Home Administration, soil and water loans, 02817
Federal-State-private cooperative snow surveys, soil moisture measurements, Western United States, including Columbia River drainage in Canada, 04735
forest soils bibliography for North-Central region, 04431
fractionation and characterization of natural organic matter from certain rivers and soils by free-flow electrophoresis, 1282
liquefaction, flow and associated ground failure, 05427
measuring thermal properties of cylindrical specimens by use of sinusoidal temperature waves, 05298
Navajo County, Ariz., report and interpreations for general soil map, 00644
published soil survey, list, 00641
put your soil survey to work, 07036
soil amplification factors in earthquake damage areas, Caracas, Venezuela, 10322
soil and water temperatures, annual cycle at Hubbard Brook, 00397
soil moisture in hardwood forest openings, 04440
soil stabilization investigation for 155 mm towed howitzer firing pads, 00299
soil survey report—
Alamosa area, Colo., 07037
Alsea area, Oreg., 03747
Baca County, Colo., 05802
Bingham area, Idaho, 01558
Boone, Campbell, and Kenton Counties, Ky., 03748
Bryan and Chatham Counties, Ga., 11235
Calloway and Marshall Counties, Ky., 08219
Cecil County, Md., 04737
Chemung County, N.Y., 00645
Cherokee, Gilmer, and Pickens Counties, Ga., 01559
Chittenden County, Vt., 11771
Cobb County, Ga., 07038
Collingsworth County, Tex., 07039
Columbia County area, Wash., 08845
Cowlitz area, Wash., 11236
Crawford County, Iowa, 00646
Crawford County, Kans., 04738
Edwards County, Kans., 00647
Emmet County, Mich., 10430
Fayette County, Ohio, 08846
Hancock County, Ohio, 03749
Harding County, N.Mex., 08220
Hemphill County, Tex., 11237
Hidalgo County, N.Mex., 04739
Hodgenman County, Kans., 00648
Island of Hawaii, State of Hawaii, 07040
King County area, Wash., 05803

Soils–Con.
Lake County, S. Dak., 10431
Lea County. N.Mex., 09613
Leelanau County, Mich., 00649
Logan County, Ill., 09614
Madison County, Ky, 05804
Meigs County, Tenn., 08221
Monroe County, N.Y., 00650
Montgomery, Toombs, and Wheeler Counties, Ga., 08847
Organ Pipe Cactus National Monument, Ariz., 03751
Ouachita Parish, La., 09615
Phelps County, Nebr., 01560
Pontotoc County, Miss., 08848
Saint Clair County, Mich., 11238
Saint James and Saint John the Baptist Parishes, La., 01561
San Diego area, Calif., 03750
Scurry County, Tex., 00651
Stafford and King George Counties, Va., 10432
Susitna Valley area, Alaska, 05805
Susquehanna County, Pa., 01562
Tahoe basin area, California and Nevada, 09616
Terrell County, Tex., 11239
Todd County, S. Dak., 11240
Transylvania County, N.C., 10433
Wharton County, Tex., 11241
Worcester County, Md., 00652
Yamhill area, Oreg., 10434
soil-polymer system, 07685
structures on expansive soils, 11460
trafficability, coarse-grained soils, development of vehicle performance prediction equations and classification system, 10816
water table depth and growth of young cottonwood, 06659
Sokoto River and Valley:
aquifers, northwestern Nigeria, with description of general hydrogeology, 08618, 10090
Solano County, Calif.:
ground water pumpage, 07851
Solar activity:
dependence of high latitude spread-F occurrence on solar activity, 06125
moderate level of solar activity for use in modeling ionosphere and upper atmosphere, 1-3000 A solar flux, 03670
solar corpuscular streams and weather on earth, USSR study, 08663
Solar corpuscular stream, *see* Solar activity.
Solar energy:
assessment of solar energy as national energy resource, 05714
for the terrestrial generation of electricity, hearings, 04144
national plan for photovoltaic conversion of solar energy (address), 10343
programs, systems analysis, 10347
proof of concept experiments, 10345
research on subsystems and systems for application to heating and cooling of building, 09566
research program, 10349
research results, dissemination and utilization, 10339
solar heating and cooling demonstration act–
background and legislative history, 09857
hearings, 08442, 09951
report, 08361, 09761, 10736, 10742
solar ionization rates for ionospheric E. F. and D regions, 07000
solar powered residential heating and cooling system, development, 11083
utilization for heating and cooling, hearings, 05085
Solar heating, *see* Heating.
Solar physics, *see* Physics.
Solar power, *see* Solar energy.
Solar radiation:
spectral irradiance curve calculations for any type of solar eclipse, 11118
winter anomalous radio wave absorption days at 32°N latitude and prevalent solar radiation, 04827
Solar simulators:
low-cost, air mass 2 solar simulator, 09496
Solar system:
ephemeris, 11587
innermost planets of solar system, 11670
Jupiter, giant of solar system, 05636
Skylab and sun, 01396
Solder and soldering:
flatpack soldering to solder-leveled printed wiring boards, 07220
joining magnetic alloy stainless steel, technological spinoff report, 02849
soldering, and brazing supplies and accessories, Federal item identification guides, 01075
Soldiers:
and statement, 4th Military history symposium, USAF academy, proceedings, 04808
soldier and his world, human self-development, 06001
US Army foreign area officer, statesman specialty, 11303
Soldiers' and Airmen's Home:
appropriations, 1974–
report, 00992, 06322
Solicitor General, *see* Justice Department.
Solid Waste Management Programs Office:
report to Congress, 06592
Solid wastes, *see* Waste disposal–Waste products.
Solids:
alum addition to activated sludge with tertiary solids removal, 00335
burning in oxygen-rich environments in normal and reduced gravity, 10228
soft x-ray emission spectra of metallic solids, 09515
solid state technology, compilation, 04619
thermal conductivity at room temperature and below, review and compilation of literature, 03638
Soloman Islands:
Melanesian Journal expeditions to study growth and development patterns, etc., 06962
Solubility:
HF system at 40° C with other solubility curves from 25° to 70° C, 03565
solubility behavior of hydrogen in alpha-iron at lower temperatures, 06895
Solutes:
solute diffusion in liquid metals, 03618
Solutions:
absorption of SO2 by alkaline solutions in venturi scrubber systems, 01159
adhesion of ice frozen from dilute electrolyte solutions, 09981
plutonium nitrate, method for accountability, 07242
solution control for hybrid microcircuit etching, technological spinoff report, 08896

Solutions–Con.
solution graphs, simple algebraic structures for problems in linear anisotropic elasticity, 03693
velocity lag of solid particles in oscillating gases and in gases passing through normal shock waves, 09503
Solvents:
radio-frequency and microwave electromagnetic fields effect on enzyme-substrate reaction in aqueous solutions and organic solvents, USSR study, 09409
Somalia:
background notes, 11246
economic trends and their implications for United States, 06753
Sonar:
development of range squared and off-grading modifications for lidar system , 06561
hydroacoustics and hydroacoustic stations, fundamentals, USSR study, 07927
physiology of sonar system in Black Sea dolphins, USSR study, 00512
statistical methods in sonar, USSR study, 03503
see also Echolocation (physiology).
Sonar operators:
aural detection performance over 129 minute simulated sonar watch, 06827
Songs:
lyrics, copyright, 01059
Sonic boom:
comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251
low sonic boom supersonic transport, study to determine feasibility, 08023
sonic boom problem, research–
flow field measurement in wind tunnel and calculation of second order F-function, 04608
second-order solutions for flow field around slender bodies in supersonic flow for sonic boom analysis, 04607
sonic boom startle effects, field study, report, 07249
validity of heat field concept for sonic-boom alleviation, 08040
Sonic pressure, *see* Pressure.
Sonic speed, *see* Air speed.
Sonoma County, Calif.:
suspended-sand discharge of Russian River, 07858
Soot:
role of soot in transport of hydrogen chloride from fires, 11210
Soquel Creek:
flood plain information, Santa Cruz County, Calif., 01120
floods, Santa Cruz County, Calif., 01137
orbents, *see* Absorbents.
Sorghum:
terms defined, U.S. standards, 11291
Sorption, *see* Absorption.
Sorting devices:
segregation of wood and bark chips by differences in terminal velocities, 04441
Sound:
acoustic command system, Interocean Systems, Inc., 10328
acoustic performance comparison of 5 muffler configurations on small helicopter, 10241
acoustic radar investigations of boundary layer phenomena, 10210
acoustic radiation patterns for source in hard-walled unflanged circular duct, 06868
acoustic sounding in planetary boundary layer, 11093
all-Union school-seminar on hydroacoustics, USSR study, 08672, 09403, 09415
backscattering of ultrasonic waves by biological objects in water, measuring technique and equipment for studying, USSR study, 09420
beneficial use of cavitation bubbles, USSR study, 04546
hydroacoustic apparatus, technology of manufacturing, USSR study, 07924
hydroacoustic telemetry, USSR study, 04549
hydroacoustical measurements in oceanology, USSR study, 05540
hydroacoustics and hydroacoustic stations, fundamentals, USSR study, 07927
modeling high-pressure-ratio centrifugal compressor using low-speed-of-sound gas, 00036
on relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
physical mechanism of destruction of biological tissues with use of ultrasound, USSR study, 09401
recovery of acoustic pulse waveforms using calculator-controlled signal processing, 10359
remote measurement of underwater currents using acoustic Doppler techniques, 04681
scattering of acoustical signals from sea surface, USSR study, 11009
sound and sea, USSR study, 10997
sound propagation in and radiation from acoustically lined flow ducts, 05609
transmission of information under water, USSR study, 08648
ultrasonic imaging of cylindrical explosive loads, 05736
ultrasonic reflectivity, preliminary equation system describing effect of stacking faults, 05734
ultrasonic signal enhancement by resonator techniques, 08057
ultrasonic therapy equipment in Pinellas County, Fla., survey of use and performance, 01538
see also Noise.
Sound projectors:
sound and light performance system for east front of Capitol, gift from United States Capitol Historical Society–
feasibility study, 06183
hearings, 08429
report, 06338, 03099, 06338
still and motion, Federal item identification guide, 07595
Sound recording and reproducing equipment:
semiautomatic speaker recognition system, 08680
Sound recordings:
registration for foreign sound recordings, 06409
Sounding (meteorology):
acoustic sounding planetary boundary layer, 11093
optimum wind soundings and Army fallout prediction accuracies, 03904
satellite infrared soundings from NOAA spacecraft, 03671

Sounding and soundings:
BOMEX Period III upper ocean soundings, 04388
satellite infrared soundings from NOAA spacecraft, 03671
see also Hydrography.
Sounding rockets, *see* Rockets.
Souris River:
design for tomorrow, 00655
South (U.S.):
costs of building and operating rice drying and storage facilities in South, 00722
cotton gin operating costs in Midsouth, 00013
flowering and fruiting of southern browse species, 05408
forest area statistics for midsouth counties, 00421
fresh fruit and vegetable unloads, 09658
long-term contracts for forest land and timber in South, 05405
midsouth, forest research news, 02048
muscadine grapes, growth, adoption, etc., 02814
national airport system plan, 1972, Southern region, 04403
southern pulpwood production, 06671
water pollution and quality management programs, Ala., Ga., Miss., and Tenn., 11756
South Africa:
African acquisitions, report of publication survey trip, 01363
background notes, 05816
boundary, study, 07047
economic trends and their implications for United States, 05490
implementation of U.S. arms embargo against, hearings, 00928
U.S. business involvement, hearings, 09078
South America:
Amdean integation movement, 05819
market profiles for South America, 08528
west coast, tide tables, 05698
South Asia, *see* Asia.
South Carolina:
census of population, 1970, characteristics of population, 00053
landings, fish and shellfish, 02602, 09546, 11690
mineral industry, minerals yearbook chapter, 07980
mineral interests conveyance, law, 10586, 10588
pollution of interstate waters at mouth of Savannah River, 11739
precipitation data, hourly, 02128
registry of minority contractors and housing professionals, listing in selected cities, 00453
Santee River basin, water and land resources, 10429
tobacco emergency allotment lease and transfer in disaster areas, law, 00097
water resources data, 01278
South Creek:
floods on North Creek, South Creek, Catfish Creek, Clower Creek, Elligraw Bayou, Matheny Creek, Sarasota County, Fla., 00308
South Dakota:
census portrait, 08927
counties and metropolitan areas, population estimates, 07276
extension of farm and related programs, hearings, 01007
Grand River, quality of interstate waters, 09595
James River, quality of interstate waters, 11747
Lake Traverse Reservation, Sisseton and Wahpeton Sioux Tribe to consolidate land holdings, report, 11427
mineral industry, minerals yearbook chapter, 06834
precipitation data, hourly, 02129
sewage stabilization ponds, evaluation of use in cold climates, 11742
water resources data, 11545
South Fork Palouse River:
special flood hazard information, 07709
South Pass, Wyo.:
area geology, 00437
South Platte River and Valley:
Brighton reach, hydrogeologic characteristics of valley-fill aquifer, 01255, 04469
flood plain information, 07691
upper basin, bacteriological investigations, 10868
waste discharges, effects on water quality, 11488
water quality conditions, waste discharge effects from Great Western Sugar Mill at Ovid, Colo., 11489
water quality investigations, municipal waste-source evaluations, technical appendix, 10877
South Santiam River:
flood plain information, 06510
floods, 06520
Southeast (U.S.):
during Civil War, selected War Department records in National Archives, 08088
Southeast Asia, *see* Asia.
Southeastern Power Administration:
public works appropriations, 1975—hearings, 09813
Southeastern University, District of Columbia:
relief, 09879
Southern California Edison Company:
San Onofre Nuclear Generating Station, fiche index for nuclear dockets, 06039
Southern Forest Experiment Station:
change and progress, 08588, 10067
publications, list, 02528, 09332
Southern Pacific Transportation Company:
railroad accident investigation report, 10401
Southern Rhodesia, *see* Rhodesia.
Southern States, *see* South (U.S.).
Southwest (U.S.):
Institute of Narcotic Addiction among Mexican Americans, proceedings, 04666
Lower Colorado region comprehensive framework study, 01533, 03699-712
national airport system plan, 1972, southwest region, 04404
pinyon-juniper ecosystem, bibliography, 08585
pressure bomb measurements indicate water availability in southwestern riparian community, 05392
retired couple's budgets, 04568
ruins stabilization in southwestern United States, 10334
sediment production from semiarid watershed in Southwest, 04439
southwest cattle ranches, organization, costs, and returns, 08276
timber-harvesting effects on steam temperatures in Southwest, 08589

Southwestern Power Administration:
public works appropriations, 1975, hearings, 09813
Southwestern States, *see* Southwest (U.S.).
Soviet Antarctic Expedition bulletin, *see* Bulletin of Soviet Antarctic Expedition.
Soviet Union, *see* Union of Soviet Socialist Republics.
Soviet-bloc:
Soviet-bloc research in geophysics, astronomy, and space (periodical), 02603
Sows, *see* Swine.
Soybeans:
double cropping with soybeans, will it pay on your farm?, 07126
futures, commitments of traders, 01790
investigation of alleged air pollution effects on yield of soybeans in vicinity of Shawnee Steam Plant, 00704
irrigated with 2,4-D or silvex-treated water, responses and residues, 05955
regional soybean acreage response, 1974, analysis and projections, 11455
whey-soy-drink mix for human consumption, cost, 11296
Soyuz, *see* Spacecraft.
SP series, *see* Federal Maritime Commission–Maritime Administration–National Aeronautics and Space Administration–Naval Oceanographic Office.
Spaatz, Carl:
retirement pay cost-of-living adjustment, report, 10607
Space:
code of Federal regulations, 08572, 09309
root-mean-square errors in location, orientation and shape in triangulation solution of elongate object in space, derivation of formulas, 11123
see also Outer space.
Space bilogy:
horizons in space biology and medicine, USSR study, 06765
problems, mathematical models of space biological systems, 06899
problems, resistance of biological systems, 03622
space biology and medicine (periodical), translations, 02605
see also Biology.
Space environment, *see* Environment.
Space Environment Laboratory:
NOAA technical report, ERL-SEL series, 03670, 09552, 10323-6
Space flight:
Apollo experience report, development flight instrumentation, 08079
combined effect of spaceflight factors, some general principles of space medicine for studying, USSR study, 09410
flight model spacecraft performance during thermal-vacuum tests, 06878
in-flight and laboratory vacuum-friction test results, 06880
orbital mechanics of flight mechanics, 06849
physics of spaceflight, USSR study, 11008
postflight simulation of parachute deployment dynamics of Viking qualification flight tests, 01409
Saturn IB launch vehicle flight evaluation report-SA-208, Skylab-4, 08744
space shuttle ferry flights statistical analysis of flight times, 10212
spacecraft, flight model spacecraft performance during thermal-vacuum tests, analyses, 06878
see also Manned space flight–Space missions.
Space laboratories:
spacelab astronomy missions, opportunities for participation in definition of one meter class ultraviolet-optical facility telescope, 11081
spacelab data management subsystem, phase B study, 11120
Space law:
legal aspects of manned spaceflight and remote sensing of environment, USSR study, 06770
Space medicine, *see* Medicine.
Space missions:
aid to mission planning, computer simulation of multi-aircraft flights, 06978
alternate multiple-outer-planet missions using Saturn-Jupiter flyby sequence, 04624
announcement of opportunities for participation AO series, 11080-1
candidate missions for space shuttle, hearings, 06353
mission to Jupiter, 05639
NASA 1973 payload model, space opportunities 1973-91, 10213
NASA Oct. 1973 space mission model analysis and economic assessment, 10230
payloads and traffic for space shuttle era, hearings, 06352
solar maximum mission, opportunities for participation, 11080
Space navigation, *see* Navigation.
Space photography, *see* Photography.
Space sciences:
energy research and development and space technology, hearings, 04140-1
future and past Soviet and American space technology, USSR study, 03524
scientific studies in space technology, some results, problems, and prospects, USSR study, 09411
Skylab results, third Space Processing Symposium–
abstracts, 10202
proceedings, 11674-5
space technology serves mankind in many ways, 08745
technology of optical observations of distant artificial space objects, USSR study, 06781
toward better tomorrow with aeronautical and space technology, 00193
Space shuttles, *see* Spacecraft.
Space simulators:
astronaut maneuvering units, comparison of results from two simulators used for studies, 06872
Space stations:
astronaut maneuvering units of Skylab experiment, comparison on results from two simulators use for studies, 06872
decomposition-aggregation stability analysis of Skylab control system, 04600
from spaceships to orbiting stations, Vostok, Voskhod, Soyuz to Salyut, 06900
Lunokhod-2 work region, chemical composition of lunar surface, 06768
MSFC Skylab contamination control systems mission evaluation, 11112
MSFC sortie spacelab environmental control system (ECS) phase B, 10233

Space stations–Con.
retention and application of Skylab experiment experiences to future programs, 11115
Salyut space station in orbit, USSR study, 08664
Saturn IB launch vehicle flight evaluation report-SA-208, 08744
simulated space environment effects on Skylab parasol material, 10220
Skylab and sun, 01396
Skylab experiments–
astronomy and space physics, information for teachers, 04613
earth resources experiment package experiments in oceanography and marine science, 03667
life sciences, 00549
living and working in space, information for teachers, 04614
materials science, information for teachers, 04612
mechanics, information for teachers, 01395
Skylab 1 investigation report, hearings, 00165, 01005
Skylab program, lessons learned, 08709
Skylab results, third Space Processing Symposium–
abstracts, 10202
proceedings, 11674-5
Skylab 3 mission, hearings, 07448
Skylab 3 and 4 science demonstrations, preliminary report, 11114
spacelab phase B study, environmental control system, component handbook, 10232
Space structures, *see* Spacecraft.
Space technology *see* Space sciences.
Space telemetry, *see* Telemetry.
Space telescopes, *see* Spaceborne telescopes.
Space tugs, *see* Spacecraft.
Space vehicles, *see* Spacecraft.
Spaceborne photography, *see* Astronomical photography.
Spaceborne telescopes:
fine pointing system for large space telescope, 08064
focal ratios and effects of optical misalignment for LST, systematic study, 11136
one meter class ultraviolet-optical facility telescope for spacelab astronomy missions, opportunities for participation in defining them, 11081
see also Telescopes.
Spacecraft:
aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
aerospace vehicles as objects of control, 09512
Apollo experience reports–
earth landing system, 04628
spacecraft structural windows, 03612
manned thermal-vacuum testing of spacecraft, 08740
Apollo spacecraft chronology, 06850
ascent propulsion system of Apollo spacecraft, 08055
calculating reentry vehicle base heating, new technique, 08065
candidate space-shuttle thermal protection-system and antenna-window materials, high temperature dielectric properties, 11129
chromia doping on thermal stability of silica fibers as reusable surface insulation for reentry vehicles, effect, 08046
complex permittivity measurements during high temperature recycling of space shuttle antenna window and dielectric heat shield materials, 01391
computer-aided space shuttle orbiter wing design study, 11124
contamination assessment and control in scientific satellites, 03610
cost of space shuttle program. GAO report on analysis–
hearings, 00164
critical defects in ablative heat shield system for space shuttle, 08024
display concepts for pilot monitoring and control of space shuttle approach and landing, simulator evaluation, 08032
effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle, 06855
effect of gaseous and solid simulated jet plumes on 040A space shuttle launch configuration at M-1.6 to 2.2, 11104
estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
flight determined stability and control characteristics of M2-F3 lifting body reentry vehicle, 08066
from spaceships to orbiting stations, Vostok, Voskhod, Soyuz to Salyut, 06900
gas flow analysis during thermal vacuum test of spacecraft self-contamination, 06892
high temperature antennas for space shuttle, investigation, 04601
inertia properties, effect on attitude stability of nonrigid spin-stabilized spacecraft, 10239
integrated power/attitude control system study, 10208
Jupiter as viewed from Pioneer, 10203, 11648
Mars rover for 1979 or 1981 Viking science mission, 08061
NASA 1973 payload model, space opportunities 1973-91, 10213
NASA Oct. 1973 space mission model, shuttle analysis and economic assessment, 10230
NOAA spacecraft, satellite infrared soundings, 03671
now frontier, man links earth and planets, Pioneer to Jupiter, 05636-40
October 1973 space shuttle traffic model, 10229
optical observations of distant artificial space objects, USSR study, 06781
opto-electronic instruments for spacecraft, USSR study, 00504-5
outgassing data for spacecraft materials, compilation, 01407
packaging, handling and transportation for aeronautical and space systems, equipment and associated components, requirements, 01415
pseudo-Nyquist analysis technique for hybrid sampled-data control systems, development, 06846
pyrotechnic systems on space shuttle program, study of role, 00545
removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
reusable Agena study–
executive summary, 11159
technical report, 11160
rigidized fibrous materials as reusable surface insulation for reentry vehicles, 08038
Saturn IB launch vehicle flight evaluation report-SA-208, Skylab-4, 08744

Spacecraft—Con.
simulation of thermal systems of space vehicle and its environment, 03620
space shuttle ferry flights statistical analysis of flight times, 10212
space shuttle main engine side loads analysis for flight configuration, 11117
space shuttle payloads—
candidate missions, hearings, 06353
hearings, 06352
space shuttle, space tug, Apollo-Soyuz test project, 1974, status report, 09856
space tug, role in space shuttle program, hearings, 07447
spaceship dockings and problems of weightlessness, USSR study, 06787
study of role of pyrotechnic systems on space shuttle program, 00545
through atmospheres of planets, landings of space vehicles, USSR study, 05529
vehicle misalignment prediction and vehicle/experiment pointing compatibility assessment, 11116
Venera-8 automatic interplanetary station, circulation and dust content in Venusian atmosphere found from wind velocity measurements, USSR study, 10990
Viking aeroshell model, effects of projections and cavities on heat transfer, 10219
wind-tunnel roll-damping measurements of winged space shuttle configuration in launch attitude, 06875
zero-gravity cloud physics laboratory self-contained shuttle payload, 10211
Spacecraft modules:
Apollo experience reports—
command and service module communications subsystem, 08077
command and service module, electrical power distribution subsystem, 08741
command and service module milestone review process, 10247
command modules crew-couch/restraint and load-attenuation systems, 03613
postflight testing of command modules, 01410
Spacecraft recovery:
Apollo experience report—
communications used during recovery operations, 11150
postflight testing of command modules, 01410
Spaceflight, *see* Space flight.
Spacelab, *see* Space stations.
Spaceship crews:
Apollo experience report—
command module crew-couch/restraint and load attenuation systems, 03613
crew station integration, 03611
systems and flight, crew procedures development, 01411
Skylab experiments, living and working in space, information for teachers, 04614
spaceship dockings and problems of weightlessness, USSR study, 06787
Spain:
marketing in, 09976
Spallation:
cross sections of proton-nucleus interactions at high energies, 11202
Spanish literature:
Spanish-speaking Africa, guide to official publications, 01365
Spanish moss:
airborne chemical elements in Spanish moss, 01263
Spanish-Americans:
characteristics of Spanish surname population by census tract, for SMSA's in New Mexico, 1970, 09709
counting the forgotten, 1970 census count, 10549
equal opportunities for Spanish-speaking people—
hearings, 00000
persons of Spanish origin in United States, Mar.1973, current population report, 04926
revenue sharing and Spanish speaking, 03930
Spanish-Speaking People, Cabinet Committee on Opportunities for, *see* Cabinet Committee on Opportunities for Spanish-Speaking People.
Spark ignition, *see* Ignition.
Special Action Office for Drug Abuse Prevention:
Director, nomination of Robert L. DuPont, hearings, 01038
drug abuse prevention report, official newsletter, 01891
Special Committee on Termination of National Emergency, Senate, *see* Termination of National Emergency, Special Committee on, Senate.
Special groups, *see* Minorities.
Special Prosecutor Office:
create, report, 04074, 06245, 06334
Special reports:
Cold Regions Research and Engineering Laboratory, 01104-5, 05298, 05300-6, 07677-8, 08537, 09270, 10810-2
Special Representative for Trade Negotiations Office:
appropriations, 1974—
hearings, 00198
report, 02967
appropriations, 1975, hearings, 10679
nontariff barriers to trade, need for better identification and analysis, GAO report, 06689
press releases, 02488
Specialists:
leadership, project directory, 08156
Specifications, *see* Government supplies.
Spectacles:
goggles and related protective devices, Federal item identification guide, 05240
ophthalmic laps and lenses, Federal item identification guide, 06427
Spectra:
bioeffects thresholds for various spectral ranges of light, review, 08189
mass spectral search system, users manual, 10853
metrics for spectrum-space usage, 04974
nu-averaged infrared absorption coefficients of water vapor, 01480
soft X-ray emission spectra of metallic solids, 09515
spectral irradiance curve calculations for any type of solar eclipse, 11118
technical considerations in efficient use of spectrum, terrestrial surface power flux density limits for services using satellites, 03988
transport analysis of measured neutron leakage spectra from spheres as tests of evaluated high-energy cross sections, 05632
ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame, 11259
wave spectrum and windspeed as descriptors of ocean surface, 07003

Spectra–Con.
wind roughened sea surface, elevation slope and curvature spectra, 08019
Spectral lines:
bibliography on atomic line shapes and shifts, 06910
transfer of radiation in spectral lines, 09516
Spectrochemical analysis, *see* Spectrochemistry.
Spectrochemistry:
spectrochemical analyses of selected ground water in Colorado, 04461
Spectrography:
fluorescent X-ray, determination of 8 minor elements in low-alloy steels, 01375, 07986
spectral identification of compounds formed by nuclear radiation in air for remote fallout survey, 03900
Spectrometers:
microwave-induced plasma spectrometer for trace analysis, 07753
x-ray fluorescence spectrometer for airborne particulate monitoring, 01169
Spectrometry:
filter spectrometer concept for facsimile cameras, 11132
gas chromatography-mass spectrometry (GC-MS) analysis of organics in water, current practices, 01172
infrared Fourier transform spectrometry of gas chromatography effluents, 09998
mass spectrometry and inhomogeneous ion optics, 08020
Spectrophotometry:
bibliography of NBS publications, 10268
standard quartz curvettes for high accuracy spectrophotometry, 06914
Spectroscopy:
auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
electron spectroscopy for chemical analysis (ESCA), bibliography, 07233
gamma-ray spectroscopy, fast pulse processing, 11073
infrared microanalysis for deducing formation history of ferromanganese deposits, 06979
sliding of poly (vinyl chloride) on metals studied by Auger electron spectroscopy, 08070
Spectrum, *see* Spectra.
Spectrum Air, Inc.:
aircraft accident report, 03690
Speculation:
commitments of traders in commodity contracts–
cotton, frozen concentrated orange juice, potatoes, 01789
wheat, corn, oats, soybeans, soybean oil, etc., 01790
futures trading and open contracts–
cotton and frozen concentrated orange juice, wool, 02055
potatoes and imported frozen fresh boneless beef, 02056
futures trading and open interest in regulated commodities, 02057
pork bellies, quarterly and shorter-term price forecasting models relating to cash and futures quotations, 04797
Speech:
distorted speech reception, 08901
sentence intelligibility for speech audiological assessment of Naval personnel and voice communication systems, 07960
structural changes in speech uttered in helium-oxygen medium, USSR study, 03510
Speech recording and reproducing equipment, *see* Sound recording and reproducing equipment.
Speed:
accidents on main rural highways related to speed, driver and vehicle, 11505
emergency national maximum highways speed limit act, report, 06237
fifty-five mile per hour speed limit for all motor vehicles, report, 05102
wave spectrum and windspeed as descriptors of ocean surface, 07003
see also Air speed.
Speed indicators:
laser Doppler velocimeter turbulence, measurements in pipe flow, 08714
Spessard L. Holland National Seashore:
establish, hearings, 04227
Spheres:
axisymmetrical vibration of partially liquid-filled elastic space, analysis by method of Green's function, 08063
clustering data points on sphere, computer program, 11602
distribution of thin-shelled spheres by diameters from electromagnetic radiation, determination from scattering data, USSR study, 11016
spheres as tests of evaluated high-energy cross sections, transport analysis of measured neutron leakage spectra, 05632
Spherics, *see* Sferics.
Spices:
foreign agriculture circulars, 02039
Spiders:
controlling brown recluse spider, 03854
giant wood spider Nephila maculata (Fabricius) in New Guinea, ecology and behavior, 08206
Spikes, *see* Nails and spikes.
Spillways:
box inlet drop spillway proposed for Tillatoba Creek, Tallahatchie County, Miss., model test, 02802
crest design, 07714
lock and dam 26, Mississippi River, Mo. and Ill., hydraulic model investigation, 05312
Spin (aircraft):
inertia properties, effect on attitude stability of nonrigid spin-stabilized spacecraft, 10239
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
Spinning:
statistical relationships of fiber properties to yarn properties and to spinning efficiency of medium staple cottons, 09662
SPLASH(special program to list amplitudes of surges from hurricanes), *see* Hurricanes.
Splices, *see* Connectors (electric):.
Spline functions:
Spoilers (aircraft)::
effects of slot spoilers on aerodynamic characteristics of light twin-engine airplane, full-scale wind-tunnel investigation, 01406
Spokane Indian Reservation:
lands, hold in trust, law, 10581
Spokane Indians:
reading list, 01305
Spokane River and Valley:
channeled scablands of eastern Washington, geologic story of Spokane flood, 08611

Spokane, Wash.:
International Exposition on Environment, commemorative medals, authorize—
law, 10565
report, 02994, 10729
Sponge iron, *see* Iron.
Sponges:
burrowing sponges of Bermuda, 11762
Sponsors:
tax information, sponsors of contests and sporting events, 03458
Spor Mountain:
Utah, hydrothermal alteration associated with beryllium deposits, 01266
Sport Fisheries and Wildlife Bureau:
abolish, report, 07380
briefing on programs and objectives, hearings, 00941
personnel and equipment, loan from Transportation Department and Defense Department—
law, 10578
report, 09775
resource publication (series), 03757, 08223, 10436, 11243
special scientific report, wildlife series, 00657, 05813, 07042, 08224-6, 10437, 11244
technical papers, 01563, 03758, 05814
Sporting goods:
recreational and athletic equipment, Federal item identification, guide, 03269
Sports:
amateur sports, regulate through interstate and foreign commerce provisions—
hearings, 00204
Arctic winter games, authorization—
law, 04006
report, 03045
organized crime in sports (racing), report, 04047
tax information, sponsors of contests and sporting events, 03458
television blackouts of professional sporting events, evaluation of necessity, 00144
TV blackout of home games in professional sports, prohibit—
hearings, 04124
law, 03999
report, 04053-4
Spraying, *see* Sprays and sprayers.
Sprays and sprayers:
drift of 2,4,5-T applied with mist blower, 06658
hand-operated plastic pistol-grip liquid sprayers from Japan, Tariff Commission report, 11792
high-clearance sprayer, nozzle drop support, 05984
spray boom assembly, equip tips, 05390
Spring wheat, *see* Wheat.
Springfield Armory National Historic Site:
establish, report, 06330
Springfield, Mass.:
flood plain information, 07687
Springfield, Mo.:
selected storm events in 5-minute increments, 04481
Springs:
hydrologic reconnaissance in eastern Brooks Range, Alaska, 04470
Springs (mechanism):
leaf springs for motor vehicles, workers and former workers of Mather Co., plant 1, Toledo, Ohio, Tariff Commission report, 07075
springs and component parts, Federal item identification guide, 07622
Spruce:
partial cutting in old-growth spruce-fir, 04445
silvicultural guide for spruce-fir in Northeast, 06643
spruce-fir regeneration, some observations on age relationships, 00399
Spur gears, *see* Gears.
Square root:
root-mean-square errors in location, orientation and shape in triangulation solution of elongate object in space, derivation of formulas, 11123
Squirrels:
gray squirrels reproduce in 2-acre enclosure, 06650
Sri Lanka:
agriculture commodities, agreement with, 00683
accessions list, Library of Congress, American Libraries Book Procurement Center, New Delhi, 07953
background notes, 00662
economic trends and their implications for United States, 10143
SRS, *see* Social and Rehabilitation Service.
SSC, *see* Ship Structure Committee.
SSME (space shuttle main engine), *see* Rockets.
Stability:
balloon tethered in wind stability analysis and trend study, 01403
chromia doping on thermal stability of silica fibers, 08046
comparison of isothermal and cyclic oxidation behavior of 25 commercial sheet alloys, 10249
constants of metal coordination compounds, 07996
decomposition-aggregation stability analysis of Skylab control system, 04600
distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101
fine pointing stability system for large space telescope, 08064
frequency stability specification and measurement, high frequency and microwave signals, 01419
predicting high-frequency stability characteristics of gaseous-propellant combustors, technique, 06877
stability and oscillation of elastic systems, modern concepts, paradoxes and errors, 03619
Stability (aircraft):
active arm external load stabilization system for cargo handling helicopters, design, fabrication, and flight test, 07190
advanced control systems and displays on general aviation airplane, flight evaluation, 11155
aerodynamic stability of helical vortices shed from hovering rotor, analytical investigation, 07196
aircraft metal structures stability reinforced with filamentary composites, 08017
aircraft motion, calculation and analysis of stability, 06898
angular momentum and aircraft-store separation problem, 05733
automatically stabilizing helicopter sling loads, 11664

Stability (aircraft)–Con.
axial-flow compressor stability, screen-induced total-pressure distortion, effect, 10225
devices for attenuation of effects of trailing vortices on rolling moment of small following aircraft, 08710
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
flight determined stability and control characteristics of M2-F3 lifting body vehicle, 08066
forward-slanted slot throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 10221
gyro-less wing leveler and directional autopilot as low-cost stability augmentation, 08729
hydrofluidic yaw SAS, stability augmentation system, analysis, 08296
hypersonic aerodynamic characterisitcs of all-body research aircraft configuration, 05620
inertia properties, effect on attitude stability of nonrigid spin-stabilized spacecraft, 10239
leading-edge serrations on reducing flow unsteadiness about airfoils, 05610
pseudo-Nyquist analysis technique for hybrid sampled-data control systems, development, 06846
region maximization by decomposition-aggregation method, 11092
roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry research models, 06869
wind-tunnel roll-damping measurements of winged space shuttle configuration in launch attitude, 06875
Stabilization:
automatically stabilizing helicopter sling loads, 11664
in-flight stabilization of externally slung helicopter loads, 06010
ruins stabilization in southwestern United States, 10334
soil stabilization investigation for 155 mm towed howitzer firing pads, 00299
see also Economic stabilization.
Stacking-fault energy, *see* Force and energy.
Stadiums:
sports stadiums, vehicle behavior in and around complex sources, 08556
Staff bulletins:
role of staff bulletin, Housing and Urban Development Department, 09357
Staff College:
Defense Civil Preparedness Agency catalog of courses, 09248
Staff development, *see* Administrative management.
Staff papers:
Research and Statistics Office, 05795, 10416
Stafford County, Va.:
soil survey report, 10432
Stainless steel:
austenitic stainless steel creep deformation under complex stresses, 07206
boiling water reactor, full length emergency core cooling heat transfer (BWR-FLECHT) tests project final report on atmospheric pressure stainless steel experiments, 07212
cold-rolled stainless steel sheet and strip from France, Tariff Commission report, 03787
deformation of fuel subassemblies hexagonal wrappers due to stainless steel swelling, 07205
electrical resistivity of austenitic stainless steel, 08098
J-integral characterization of irradiated stainless steels, 04697
joining magnetic alloy stainless steel, technological spinoff report, 02849
porous stainless-steel flow control devices, development, 02859
Stairs:
take to the stairs, 2 up-3 down, save energy (poster), 09720
Stall (aircraft):
screen-induced total-pressure distortion effect on axial-flow compressor stability, 10225
stall flutter of helicopter rotor blade, analysis, 04605
stall-flutter spring-damper pushrod in rotating control system of CH-54B helicopter, evaluation, 06019
torsional natural frequency on stall-induced dynamic loading, investigation of effect, 07198
Stamp pads:
inking pads, Federal item identification guide, 03291
Stamps, *see also* Food stamps.
Standard Cellulose and Novelty Co., Inc.:
Ozone Park, N.Y., artificial plastic Christmas trees, garlands, and wreaths, Tariff Commission report, 00700
Standards and standardization:
Air Force, draft military specification for organizational and intermediate maintenance, 09671
air pollution standards, administration's proposal for relaxation, hearings, 04256
all-Union state standard GOST, USSR study, cables, wiring and cords, terms and definitions, 05512
blast noise standards and instrumentation, 11645
construction standards and interpretations, 11713
data elements and representation standardization, 08753
Defense cataloging standardization act of 1952, report to Congress by Defense Department, 09051
Defense Department specifications and standards index, 01871, 03293
Defense Department standardization documents supply classification listing, 00275, 02006
effective wire rope clip installation, establishing standards, 07377
emphasis needed on Government's efforts to standardize data elements and codes to computer systems, GAO report, 10078
ENTERPRISE standard industrial classification manual, 11590
establishing standards for effective wire rope clip installation, 01377
Federal general data standard, representations and codes, counties and county equivalents of States, 01418
Federal motor vehicle safety standards, 10284
Federal specifications and standards, index supplements, 02150, 07815
Federal standards, 04417-9, 05373-80, 06635-36, 07813-4, 10922-3
Federal test method standard, 00328, 01226, 10050

Standards and standardization—Con.
MILSCAP, military standard contract administration procedures, 09254
minimum property standards—
multifamily housing, 10905-6
one and two living units, 10904
minimum property standards, HUD—
care-type housing, 06727
multifamily housing, 06726
one and two family dwellings, 06725
model aircraft operating standards, 10893
National building standards act, report, 03047
National Bureau of Standards standard reference materials—
electrical resistivity of electrolytic iron SRM 797 and austenitic stainless steel SRM 798, from 5-280 K, 08098
quartz curvettes for high accuracy spectrophotometry, 06914
professional standards review organizations, background material, 09203
slow progress likely in development of standards for toxic substances and harmful physical agents found in workplaces, HEW and Labor Dept., 01245
standardization of work measurement, standard time data application, P.F. & D. allowance, training, glossary, general guidance, 03295
standardizing container sizes for shipping fresh meat products, 02804
standards laboratories, directory, 03629
standards of time and frequency in U.S.A., 10269
user procedures standardization for network access, 03646
voluntary product standard PS series, 06924-5, 09525, 10273
Standards of Official Conduct Committee, House:
report, 03070
Standing Rock Reservation:
resources and development potential, 00460
Standt, Herman R.:
nomination—
hearings, 01016
Staples and stapling machines:
staples, Federal item identification guide, 05209
STAR (computers), *see* Electronic computers.
Starfishes:
crown-of-thorns starfish (Acanthaster planci), 08834
Starrs, William M.:
relief, 00868, 02933, 03125
Stars:
facsimile-camera response to radiant point sources, analysis, 05622
Starters, *see* Starting devices.
Starting devices:
nuclear reactor thermal transients during startup of 60-KWe Brayton power conversion system, 08720
terminal-shock and restart control of Mach 2.5, axisymmetric, mixed-compression inlet, 08049
Startle (psychology):
comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251
sonic boom startle effects, field study, report, 07249
State aid, *see* Grants-in-aid.
State banks:
equity security transactions and ownership of directors, etc., of Federal reserve member State banks, monthly summary, 02630
member banks of Federal reserve system, list, 02611, 10048
membership in Federal reserve system, weekly changes, 01714
State boards and departments of education, *see* Educational boards and departments.
State Deparment:
appropriations, 1973—
authorization, law, 02947
authorization, report, 03155
appropriations, 1974—
authorization, report, 05033
hearings, 00198
law, 06194
report, 02967, 05035, 06229, 09141, 09758
supplemental authorization, hearings, 08392
supplemental authorization, report, 10621
supplemental, hearings, 06367
supplemental, proposal, 06315
supplemental, report, 09887
appropriations, 1975—
authorization, hearings, 09212
hearings, 09810, 10679
background notes, 00658, 00660, 00662, 01566, 01671, 03760-66, 04741-45, 05815-6, 07043, 08227-32, 08851, 09617, 11245-9, 11774-5
briefing on fisheries and wildlife, hearings, 00941
bulletin, 01873
department and foreign service series, 00664
Department of State indexes of living costs abroad and living quarters allowances, 02692
Deputy Secretary, nomination of Kenneth Rush, hearings, 09209
economic foreign policy series, 11776
foreign assistance appropriations, 1974, hearings, 03102
Foreign Service buildings program, 1974, additional appropriations, authorize, law, 09004
international information and cultural series, 05821
issues related to foreign sources of oil for United States, GAO report, 06687
maritime briefings for Congress, hearings, 07437
news letter, 01874
nontariff barriers to trade, need for better identification and analysis, GAO report, 06689
press releases, 02489
publications and audio-visual materials, selected, list, 02584
Secretary, nomination of Henry A. Kissinger, hearings, 00222
some progress in improving management of Government owned and leased real property overseas, GAO report, 08607
telephone directory, 07051, 08854
Under Secretary of State for Economic Affairs, nomination of William J. Casey, hearings, 09209
Under Secretary of State for Political Affairs, nomination of William J. Porter, hearings, 09209
U.S. assistance to Khmer Republic (Cambodia), GAO report, 01249
U.S. foreign trade strategies, ways to improve, GAO report, 04458
State governments, *see* Government.

States:
abstracts of State day care licensing requirements, day care centers, 00788
affirmative action planning for State and local governments in equal employment opportunities, 04948
air pollution implementation plan, 07135, 10864
areawide water quality management, problems and approaches, reports, 06585
candidates and priorities for technology assessments, survey of State officials, 11698
census portrait CP series, 08310-5, 08906-35, 10536-39
comprehensive health planning agencies, annual conference, 08330
consumer protection would be increased by improving administration of intrastate meat plant inspection programs, GAO report, 06677
cooperative Federal-State-local health statistics system, 04646
court problems, federally supported attempts to solve, more needs to be done, GAO report, 10080
environmental centers, establish and assist—hearings, 04218
estimates of population, 02877
fair hearings in public assistance, 04651, 10279
Federal aid to States, 04768
Federal general data standard, representations and codes, counties and county equivalents of States, 01418
Federal grants for vocational rehabilitation services, authorized on—law, 04984
Federal R&D support to State and local governments gaining in emphasis, 03685
Federal-State vocational rehabilitation program, characteristics of clients rehabilitated, 07017
FHA homes, operations under sec. 203, 1970 data, 01202
FHA insured mortgages, States trends, 06615
financing schools and property tax relief, State responsibility, 00001
financial assistance for animal health research—hearings, 05107
firearms, published ordinances, information to gun dealers, 09678
forest fire control, cooperative program financing, 00393
general revenue sharing, compliance, 1588
government employment and payrolls, 02610
government finances, 02879
guidelines for staff development for State rehabilitation agencies, 00622
health insurance for the aged, monthly reimbursements by State, 09610
imposts on interstate wine, prohibit—hearings, 08483
improved Federal and State programs needed to insure purity and safety of drinking water, GAO report, 06683
Land use planning act—report, 09763, 10664, 10702
land use programs, regulations for 8 States and surveys for 50 States, 08496
land-grant colleges and universities, Extension Service review, 01927
laws enacted in 1972 of interest to Housing and Urban Development Department, 10979
local environmental libraries, directory, 01190
meat inspection standards—hearings, 04186
medical schools, assistance in establishing, appropriations, 1974—law, 02954
National Commission on State Workmen's compensation laws, supplemental studies, 04654
nomination and election of U.S. Senators, laws, guidebook, 10718
nongovernment organization codes for military standard contract administration procedures (MILSCAP), United States and Canada, name to code, 09975
nonionizing radiation measurement capabilities, State and Federal agencies, 00608
number of households by state, estimates, 07270
office furniture, factors influencing selection, 06666
oil shale resources may be used for purposes other than public roads and schools—report, 10740
personal health care expenditures, public funds, 04732
population tabulation as required for apportionment of State legislative bodies—hearings, 07441
public assistance plans under Social security act, characteristics, 00634
public school finance, State constitutional provisions and legal materials, 06482
publications, monthly checklist, 02311
qualified areas under 1965 Public works and development act, 11452
quality control SRS field investigation guide for State reviewers, 11765
radiological health programs, State and local report, 05766
recipients of public assistance money payments and amounts of such payments, by program, State, and county, 11681
regional decision making, new strategies for substate districts, 05912
resident Indian population and labor force status, by state and reservation, Mar. 1973, estimates, 00459
review and comment, manual, State and areawide comprehensive health planning agencies, 00816
schools systems, 1969-70, statistics, 05291
science education, proposal, preparation guide, 08795
sixth payment, 2d quarter, entitlement period 4, list, Revenue Sharing Office, 07089
State air data information survey, 07781
State and local fiscal assistance act of 1972, regulations governing payment of entitlements, 01590
State civil service employee associations, 09438
State consumer action, 1972 summary, 00246
State imposts on interstate wine, prohibit, report, 00909
State maximums, other limitations, and effect of Federal matching provisions on public assistance money payments, 01432
State rehabilitation facilities specialist exchange, 02612
State salary survey, 03967
State trends, 1950-70, facts and figures on older Americans, 00002
State veteran's laws, digests, 07450, 09968
State vocational rehabilitation agency, program and financial plan, 10397
State vocational rehabilitation agency, program data, 11221

584-800 O - 75 - 29

States–Con.
State-chartered credit unions, 1972 annual report, 03656
statewide travel demand forecasting studies, 09300
statistical methods in sonar, USSR study, 03503
summary of deposits in all commercial and mutual savings banks, 05354
tax collection in 1973, 04932
taxation of interstate commerce, proposals, hearings, 07493
telephone density and telephone company area data, 04973
tuberculosis, statistics, 06099
unemployment insurance, laws and experience, 05890
vocational education, State instructional materials, list–
agriculture, 01097
distributive education, 01098
health occupations, education, 03313
home economics, 03314
office occupations, 01099
technical education, 03315
youth services, strategies for restructuring departments, 11286
Statesmen:
soldiers and statesmen, 4th military history symposium, 04808
Static:
deflections of structural cable arrays, program for computing, 08174
Station wagons:
automobiles, sedans and station wagons, Federal standard, 06635
Statistical processes:
decoupling in linear time-varying multivariable systems, 05629
statistical mapping and geographic base files of Census Bureau (address), 10545
statistical methods in nuclear material control, 10524
statistical methods in sonar, USSR study, 03503
theory and construction of multivariate Gaussian surfaces, 01501
Statistical Reporting Service:
agricultural economics reports, checklist, 01716
periodicals, list, 07654
Statistics:
all-Union seminar on statistical hydroacoustics, topics of reports, USSR study, 09415
century of public school statistics, 04343
cooperative Federal-State-local health statistics system, 04646
educational statistics digest, 07662
enterprise statistics, publication program, 03952
FAA statistical handbook of aviation, 05342
Federal statistical agencies, paperwork burden for small business, hearings, 07575
health statistics today and tomorrow, 00565
methods and approaches to statistical training, 00070
minimum statistical and accounting system for community mental health centers, 08132
predicting avalanche intensity from weather data, statistical analysis, 04447
Public Health Conference on Records and Statistics, 10276
selected, foreign direct investment program, 06640
selected manpower statistics, 09255
space shuttle ferry flights statistical analysis of flight times, 10212
statistical indicators of electric utility company performance profiles, private electric utilities in United States, 01211
statistical methods of studying natural objects, USSR study, 10987
statistical reporter (periodical), 02615
statistical series releases, SEC, 02616
temporal statistics of radio signals scattered by rain, experimental , 00810
tuberculosis statistics, States and cities, 06099
U.S.-Canada trade statistics reconciliation, 06095
see also Correlation (statistics)–Regression (statistics)–Vital statistics.
Stators:
film-cooled turbine stator blade,two-dimensional cold-air cascade study, 11106
two-stage turbine performance as affected by variable stator area, 11663
Statue of Liberty, National Monument:
eighteen-cent international airmail stamp (poster), 05896
general information–
French edition, 04691
German edition, 04687
Statutes:
legal compilation, statutes and legislative history, air pollution, 05333
noise, legal compilation of statutes and legislative history, 03322, 03324
pesticides, legal compilation of statutes and legislative history, 03323-4
pollution control, legal compilation, statutes, 07772
report, World Tourism Organization, 00964
statutory exceptions to competitive service, 11438
water, legal compilation of statutes and legislative history, 03324
World Tourism Organization, message from the President, 00183
see also Law.
Statutes at large:
citations, how to find, 07434
92d Congress, 2d sess., laws and concurrent resolutions, etc., 03358
Statutory Hall:
House of Representatives, markers locating desks of nine former Members who became President, authorize–
report, 06231
Staudt, Herman R.:
nomination, hearing, 01016
Steady state, *see* Equilibrium.
Steam:
airborne coal dust collection by steam, 08706
condensers, Federal item identification guide, 03278
WASP, flexible FORTRAN IV computer code for calculating water and steam properties, 05623
Steam electric plants, *see* Electric power plants.
Steam generators:
monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage, 09690
Steam power plants:
air-cooled steam power plants, condensers and condensing system pumps, 07238
MHD-steam powerplants employing coal gasification, economic evaluation, 03567

Steel:
commercial steel forgings, current industrial reports, 11323
compression characteristics and structural beam design analysis of steel fiber reinforced concrete, 06495
directional transformation, texture behavior and martensite morphology, 06490
import data, shipments from exporting countries—
by category by TSUSA number and type of steel, 11222
in 1973 calendar year, country by category by TSUSA number, country by type of steel, 05778
industry, system of study of conventional combustion sources, 05331
ingot producers, current industrial reports, 07266
iron and steel scrap, mineral industry survey, monthly, 02185
irradiated pressure-vessel steels, auger electron spectroscopy analysis of fracture surfaces, 10360
low-alloy steels, determination of 8 minor elements by fluorescent X-ray spectrography, 01375, 07986
metallurgical upgrading of automotive scrap steel, 06043
mineral industry surveys, 08007, 11046
minerals yearbook chapter, 08701
ship steels, effect of temperature and strain, 07026
steel mill shapes, inventories, current industrial reports, 07265
steel swelling in Rapsodie hexogonal wrappers, 07210
stray direct current effects at various current densities on corrosion of steel, 11209
structural steels, fast fracture resistance and crack arrest, 08828
subsurface disposal of pickle liquor, 03571
see also Austenitic steels.
Steel castings, *see* Castings.
Steel mills:
shapes, inventories, current industrial reports, 01846
Steilacoom, Wash.:
railroad employee accident investigation report, 00628
Steinberg, Saul:
Steinberg at the Smithsonian, exhibition catalog, 08766
Stenches, *see* Odors.
Stender, John H.:
nomination, hearings, 01042
Stenographers:
employment opportunities, 03963
shopping for a future?, 06731
Stenomidae:
systematic monograph of new world Ethmiid moths (Lepidoptera: Gelechioidea), 00630
Stephan, Boulos:
relief, 00887
Stereoscopes:
stereomatrix 3-D display system, 07225
Sterilization:
irradiation sterilized meats, cooking procedures and recipes, 04834
radiation sterilized fish items, development, 04837
radiation-sterilization of food, statistical analysis, 04854
Stevens Village, Alaska:
flood survey at proposed TAPS crossing of Yukon River, 10945
Stevenson, John R.:
nomination, hearings, 04203
Stiffness:
matrix reduction for large structural systems using Cholesky decomposition, 09984
Stilbestrol, *see* Diethylstilbestrol.
Stilling basins:
model test proposed for Tillatoba Creek, Tallahatchie County, Miss., model test, 02802
Stimulants:
fact sheets, 05276
Stimulus:
air saturation diving with rats, effects on EEG and visually evoked cortical response, 07958
cortical evoked potentials to subliminal emotional words, USSR study, 11566
focal brain pathology as related to stimuli varying in significance, changes in late components of evoked potentials under normal conditions, USSR study, 07922
peripheral visual response time to colored stimuli imaged on horizontal meridian, 09458
quantitative understanding of explosive stimulus transfer, 04609
Stirrers (machinery), *see* Mixing machinery.
Stochastic methods:
reliable results form stochastic simulation models, 07830
Stochastic processes, *see* Probabilities (mathematics).
Stock catalogs, *see* Catalogs.
Stock exchanges:
financial markets, impact of institutional investors in stock market, hearings, 00211, 05127, 07490
transactions, statistical series releases, SEC, 02616
Stockholders:
disclosure of corporate ownership, 09870
investment act, hearings, 07494
see also Securities.
Stockpiling, *see* Strategic materials.
Stocks:
conversion of savings and loan associations from mutual to stock form—
hearings, 10757
interest equalization tax, information, 07894
OTC margin stocks, list, 00380
see also Securities.
Stockton Reservoir, Sac River, Mo.:
pre-impoundment biological survey, 09320
Stockyards:
packers and stockyards resume, 02419
STOL (short takeoff and landing), *see* Aircraft-Airplanes.
Stolsmark, Morena:
relief, 00905, 09728
Stomatopoda, *see* Crustaceans.
Stone:
in 1972, mineral industry surveys, 01383
mineral industry surveys, 11644
minerals yearbook chapter, 11626
Stony Brook:
effects of land use and retention practives on sediment yields, N.J., 09345
Stopes:
block caving stopes, concrete drift linings, structural design data, 07988

Storage:
costs of building and operating rice drying and storage facilities in South, 00722
discrete photoelectric tracking system with storage of error signal, USSR study, 01335
grain, effects of heat and moisture, USSR study, 09386
high temperature storage effect on acceptability and stability of intermediate moisture food, 04842
laboratory determination of factors affecting storage of North Dakota lignite, computer simulation of spontaneous heating, 11637
secure space for Senate, House of Representatives, and Office of Architect of Capitol, authorize–
law, 04026
report, 03176
storage/maintenance activities operations manual, defense industrial plant equipment, 05204
storing vegetables and fruits in basements, cellars, outbuildings, and pits, 00011
tomatoes, shelf life as affected by post harvest treatment and storage conditions, 04841
Storage batteries:
maintenance and principles, 03721
Stores:
department stores, employee compensation and payroll hours, 06809
department stores, sales, selected areas, special current business reports, 02606
retail sales and accounts receivable, current business reports, 01837
retail sales, current business reports, 01834, 01840
small, recordkeeping system, bibliography, 08832
Storms:
data, monthly, 02621
earthquakes and windstorms, design, siting, and construction of low-cost housing and community buildings to better withstand, 06903
effects of May 5-6, 1973, storm in Greater Denver area, Colo., 05428
high seas storm information service, 08807
internal RAREP, radar report, and warning coordination system (RAWARC) for forecasts and warnings, 11699
motion and morphology of dryline, 11183
national severe local storms operation plan, 08144
short-term weather phenomena, research, hearings, 08441
storm events in 5-minute increments from Missouri rainfall stations at Kansas City, Saint Louis, Springfield, and Columbia., 04481
when you return to storm damaged home, 04498
winter storms, national east coast operations plans, 03666
see also Cyclones.
Stoves:
cleaning kitchen ranges, 03872
kitchen ranges in fabric fires, 11168
Stowage:
Apollo experience report, crew station integration, stowage and support team concept, 03611
Strains and stresses:
austenitic stainless steel creep deformation under complex thermal stresses, 07206
ball motion and sliding friction fatigue evaluation in arched outer-race ball bearing, 08060
comparison of finite-difference schemes for stress analysis of shells of revolution, 05616
computer program for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
concrete, equipment and test procedure for determining multiaxial tensile and combined tensile-compressive strength, 09991
crack closure in fatigue study, 01394
design and operational flight loads study–
CH-47A, 06015
CH-54A, 07181
design of wire tensioning device, 02845
effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
elastic buckling analysis for composite stiffened panels and other structures subjected to biaxial inplane loads, 00540
elevated-temperature tensile properties of alloys based on intermetallic compound TiNi, 08069
fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, study, 03597
fatigue cracks, detection by nondestructive testing methods, 08036
finite element analysis of concrete airfield pavements, computer program, 06500
finite element for thermal stress analysis of shells of revolution, 06859
finite element method for thermal analysis, 06857
fracture resistance values using center-cracked tensile specimen, determination, 11703
geometric method for prediction of stresses in elastic inclusions, orebodies and mining systems, 09471
laboratory load tests on buried flexible pipe, steel and fiberglass reinforced resin pipe in sand backfill, 03725
large plastic deformations, experimental measurement and theoretical analysis, 11103
plane strain facture mechanics options, generalized procedures for use in modernization of nuclear standards, 08170
rock stress, overcoring equipment and techniques used in determining, 10183
RPM pipe deflections on Yuma project field test, analysis, 04724
shear-stress intensity factors for elastic sheets with cover plates, 10240
ship stress and environment data, computer programs for digitizing and using of library tapes, 07027
ship stress and environment data, method for digitizing, preparing and using library tapes, 03735
some factors relevant to determination of in situ stress by analysis of geological and geophysical data, 04482
strain and temperature effect of ship steels, 07026
strain-cycling fatigue behavior of 10 structural metals, 09506
stresses at bore of drilled ball operating in high-speed bearing, analysis, 06893
stress-strain response of fabrics under two-dimensional loading, 04851

Strains and stresses–Con.
structural analysis of coal mine opening in elastic, multilayered material, 11632
tensile behavior of boron epoxy-reinforced 7075-T6 aluminum alloy at elevated temperature, 09520
tensile strength of ice under triaxial stresses, 07673
torsional natural frequency on stall-induced dynamic loading, investigation of effect, 07198
variable-stress vehicle reliability model, 08539
see also Deformations (mechanics)-Shear (mechanics).
Straps:
Federal item identification guide, 04311
strapping and components, Federal item identification guide, 05252
Strasbourg, France:
international patent classification agreement, report, 00963
new dimensions in transatlantic dialog, Members of Congress and of European Parliament, 00131
Strategic Arms Limitation Talks, *see* Disarmament.
Strategic materials:
disposal from national and/or supplemental stockpile–
aluminum, law, 10564
aluminum, report, 00996, 04079
certain abaca and sisal cordage fiber, hearings, 09818
copper, law, 06177
copper, report, 00990, 10608
molybdenum, law, 10563
molybdenum, report, 01003, 09757
opium, copper, aluminum, silicon carbide, zinc and molybdenum, hearings, 06277
opium, law, 10562
opium, report, 09028
silicon carbide, law, 06179
silicon carbide, report, 00997
zinc, law, 06175
zinc, report, 03184
stockpile information, GSA release, 02619
U.S. actions needed to cope with commodity shortages, GAO report, 10084
Strategy, *see* Military art and science.
Stratification:
dynamics of reservoir destratification, pilot study, 10855
stratified charge engine (SCE) concept, evaluation, 03882
stratified fluids, growth and collapse of mixed regions, 08168
Stratigraphy:
changes in stratigraphic nomenclature by Geological Survey, 10940
contributions to stratigraphy (series), 03408, 05421, 05424, 06697-8, 08610, 10940
lithostratigraphy and depositional environments of Lexington limestone (Ordovician) of central Kentucky, 08616, 10089
Oligocene stratigraphy, southwest of San Andreas fault, Santa Cruz Mountains and Gabilan Range, California Coast Ranges, 05434
petrography and stratigraphy of glacial drift, Mesabi-Vermilion iron range area, northeastern Minnesota, 05419
Portage Lake Volcanics (middle Keweenawan) on Isle Royale, Mich., 05433
Rabbit Hill Limestone and Lone Mountain Dolomite of central Nevada, 04475
stratigraphic layers of snow, effects of water flow through, 01102
Stratosphere:
measurements of structure and circulation, 08081
rate and photochemical data table for modelling of stratosphere, chemical kinetics data survey, 10265
two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977
Stratton, William R.:
nomination, hearings, 04196
Strawberries:
culture, eastern United States, 02812
varities in United States, 04775
Streamlining, *see* Aerodynamics.
Streams, *see* Rivers.
Streets:
Omnibus crime control and safe streets act, amend, hearings, 04128
toxic materials analysis of street surface contaminants, 00345
Strength of materials:
compression characteristics and structural beam design analysis of steel fiber reinforced concrete, 06495
factors affecting miniature Izod impact strength of tungsten-fiber-metal-matrix composites, 06874
Stress (physiology):
compression-decompression schedule for producing dysbaric stress in mature rats, 06825
disinfestation of fruits and vegetables by gamma irradiation, tolerance, 02861
hematologic responses to severe decompression stress, 04579
mineral and electrolyte responses following severe decompression stress, 03557
peculiarities of influence of training of different types on tolerance of human body to extreme heat exposure, USSR study, 11013
predicting activity of man in extreme states, USSR study, 05509
spaceship dockings and problems of weightlessness, USSR study, 06787
Stress (psychological), *see* Tension.
Stress corrosion, *see* Corrosion and anticorrosives.
Stressed (mechanical), *see* Strains and stresses.
Strikes and lockouts:
Hawaii, Pacific Islands of United States, exempt from strikes and lockouts, report, 11432
work stoppages, 02792
Strip mines, *see* Coal mines and mining.
Strip-mined lands, *see* Reclamation of land.
Striped bass, *see* Bass.
Strokes:
hospital services for selected chronic disease patients, 07874
Strontium:
simplified atomic absorption determination of stable strontium in milk and hay, 10829
Strontium fluoride:
strontium fluoride and yttrium oxide phase diagram and information on strontium fluoride and strontium oxide system, 11633

Strontium oxide:
strontium fluoride and yttrium oxide phase diagram and information on strontium fluoride and strontium oxide system, 11633
Structural adhesives, *see* Adhesives.
Structural analysis (mathematics), *see* Lattice theories.
Structural composites, *see* Composite materials-Filamentary materials.
Structural design:
advanced structural concepts for fuselage, 07187, 07189
concrete drift linings in block caving stopes, 07988
concrete structural design for buildings, 04867
design of structures to resist effects of atomic weapons–
multistory frame buildings, 03922
structural elements subjected to dynamic loads, 03921
weapons effects data, 03919-20
improved design to reduce costs, extend life expectancy and insure structural safety, federally coordinated program of research in highway transportation, 00364
improved highway design and operation for safety, federally coordinated program of research, 01201
noise and wake structure measurements in study to design quieter subsonic tip speed fan, 04606
structural characteristics of housing inventory, census of housing, 07256
structural design procedure for corrugated plastic drainage tubing, 04793, 05953
Structural dynamics, *see* Dynamics.
Structural engineering, *see* Building.
Structural geology, *see* Geology.
Structural materials, *see* Construction materials.
Structural models, *see* Models (structural).
Structural sandwich, *see* Sandwich construction.
Structural steel, *see* Steel.
Struts:
strut fuel injectors for supersonic combustion ramjet engines, 08076
Student loan program, *see* Students.
Student pilots, *see* Aviators.
Students:
adult basic education program statistics, student and staff data, 07659
American Indian students pursuing professional health careers, directory, 10096
Army Emergency Relief educational loan program, 03910
attitude toward life of our nation's students, 04350, 05292
clinical electives for nursing students at National Institutes of Health, 08135
enrolled for advanced degrees, fall 1971, 09264
Federal career directory, 1973, guide for college students, 00796
financial assistance for educational equity, hearings, 07564
financial assistance, hearings, 09827
foreign medical students in Americas, 07873
graduate students, support and manpower resources, in graduate science education, 01496
guaranteed and national direct student loans program, amend, hearings, 10693
guaranteed student loans, report, 09769
handicapped pupils in local public schools, provision of instruction, 06481
how health professions students finance their education, 05440
interim national standard procedures for deriving per-student costs in postsecondary educational institutions, proposal, 08112
media selection for students, etc., aids, supplement, 03312
minority, how to pay for your health career education, guide , 06710
psychometric measures development of student attitudes toward technical training, 07141
school attendance of student beneficiaries of social security in 1969, 08214
school participating in nursing student loan and scholarship programs, 06713
seniors and National Guard, 00567
student advisory committee handbook, 01096
student aid officers responsibilities under guaranteed student loan program, correspondence and other documents, 00129
student discussion guide, Office of Equal Employment Opportunity, 11578
student evaluation in vocational and technical education, 10286
student-oriented science programs, pre-college and undergraduate, proposals, guide for preparation, 08792
tax information for students and parents, 05479
undergraduate enrollment in 2-year and 4-year colleges, 06083
Stuffing:
materials, Federal item identification guide, 04307
Stumpage, *see* Timber.
Stygobromus, *see* Amphipods.
Styrene:
plastic resin in pellet and powder form from Japan, Tariff Commission report, 07067
Subarctic region:
water balance in Arctic and subarctic regions, annotated bibliography and preliminary assessment, 01103
Subassemblies:
deformation of fuel subassemblies hexagonal wrappers due to stainless steel swelling, 07205
Federal item identification guide, 05224
Subcommittee on International Organizations and Movements, *see* Foreign Affairs Committee, House.
Subdivision of land, *see* Real estate.
Subject headings:
Library of Congress, used in dictionary catalogs, 02623
medical, index medicus, 02147, 08780, 09543
Sublimation:
hazard associated with sublimation of solid carbon dioxide (dry ice) aboard aircraft, 10892
Submarine boats:
human factors evaluation of submarine escape, 09456
speed of comprehending submarine fire control displays, 07959, 07961
superconducting ELF magnetic field sensors for submarine communications, 11705
surface ship & submarine safety review, fathom (periodical), 01937
Submarine cables:
ocean-cable carriers, uniform system of accounts, FCC rules and regulations, 01963
Submarine crews:
cholesterol levels, pilot study, 11040

Submarine crews–Con.
factors related to drug abuse, characteristic biographical profiles and related data, 10176
human factors evaluation of submarine escape, 09456
submarine school candidate, submariners, visual characteristics, information derived from longitudinal health study, 11039
Submarine geology:
Gastineau Channel Formation, composite glaciomarine deposit near Juneau, Alaska, 06697
quantitative marine geomorphology of East Pacific rise, 06976
Submarine Medical Center, *see* Naval Submarine Medical Center.
Submariners, *see* Submarine crews.
Submarines, *see* Submarine boats.
Submerged land, *see* Land.
Subsidies:
home ownership and rental housing programs, analysis, 04190
income limits for HUD subsidized housing programs, HUD handbook, 09358
Subsistence:
Federal hospital subsistence guide, 01063
Subsonic aircraft, *see* Aircraft.
Subsonic flow, *see* Flow.
Subsonic speed, *see* Air speed.
Substrates:
thin-film hybrid microcircuit substrate metallization, 07219
Subways, *see* Transportation.
Suchy, Raymond W.:
relief, 11378
Suckers:
adult scabies mites, mouth parts, pedicels & suckers, 07163
Sudan:
economic trends and their implication for United States, 06754
military assistance, agreement, 00687
Sudbury River:
ground-water resource of channelization through Cedar Swamp, Westborough, Mass., effects, 04464
Sudden infant death syndrome, *see* Infants.
Suez Canal:
U.S. role in opening, hearings, 09836
Sugar:
census of agriculture, special reports, 04905
determination of wage rates, prices, acreage credit, etc., 02624
foreign agriculture circulars, 02039
requirements and areas quotas, 02626
Sugar act, amend, report, 09795, 10672
sugar and tomorrow (address), 10499
sugar reports, monthly, 02625
Sugar beets:
industrial waste pilot plant study, beet sugar refinery, 11728
irrigated with 2,4-D or silvex-treated water, responses and residues, 05955
Sugar Creek:
flood plain information, 07696
floods, 06512
Sugars, *see* Sugar.
Suggestion systems:
employee incentives, HUD, 07882
Suicide:
suicide, homicide and alcoholism among American Indians, guidelines for help, 01461
Suits:
Federal item identification guide, 04309
men's Globe Corporation, Tariff Commission report, 07078-9
Suleiman, Mahmood S.:
relief, 00973, 09001
Sulfates:
nitrate and sulfate in atmospheric particulates, rapid and accurate measurement, methods, 07746
see also Ferrous sulphate.
Sulfites:
domestic wastewater and NSSC pulp and paper mill wastes, treatment, 09282
treatment of sulfite evaporator condensates for recovery of volatile components, 09997
Sulfonates:
determination of alkyl benzene sulfonates (ABS) in water with auto analyzer, 10385
Sulfur:
compounds, natural precipitation washout from plumes, 11477
distribution in part of Pittsburgh seam and probable mode of deposition, 09466
elemental sulfur from Canada, Tariff Commission report, 05864
fluidized-bed combustion and regeneration of sulfur-containing additives, reduction of atmospheric pollution by application, 04373
fuel oils by sulfur content, monthly, mineral industry survey, 02054
mineral industry surveys, 11076
minerals yearbook chapter, 09465
native and recovered, mineral industry survey, monthly, 02627
nuclear meter for monitoring sulfur content of coal streams, 08011
rapid growth of metallic fibers by partitioning sulfur in copper-iron-sulfide mineral, 11629
removal of sulfur from coal by treatment with hydrogen, effect of operating variables and raw material properties, 04960
Sulfur dioxide:
absorption of SO2 by alkaline solutions in venturi scrubber systems, 01159
catalytic oxidation of sulfur dioxide using isotopic tracers, 10834
development of improved systems for obtaining time integrated measurements, 00339
instrument for simultaneous monitoring NOx and SO2 in stationary sources, 06558
national air quality levels and trends in total suspended particulates and sulfur dioxide, 10500
Sulfur oxides:
in atmosphere, effects on vegetation, 06546
interactions of stack gas sulfur and nitrogen oxides on dry sorbents, 00334
National public hearings on power plant compliance with sulfur oxide air pollution regulations, report of panel, 11487
remove from waste gas with ammoniacal scrubbers, evaluation of equations for designing, 11480
SOx control, measurement and characterization of particles in wet scrubbing process, 04360
Sulfuric acid:
current industrial reports, 00067
initial-stage sulfuric acid leaching kinetics of chalcopyrite using radiochemical techniques, 07994

Sulfuric acid–Con.
marketing H2S04 from S02 abatement sources, TVA hypothesis, 10835
sulfuric acid and ferrous sulfate recovery from waste pickle liquor, 11481
Sullivan, Leonard, jr.:
nomination, hearings, 08472
Summer:
bio-disc treatment process for camp application, evaluation, 04369
special summer food service program for children, 01128
Summer employment, *see* Employment.
Summit Power Station:
units 1 and 2, Delmarva Power & Light Co., fiche index for nuclear dockets, 07231
Sun, *see* Solar system.
Sun Hwa Koo Kim, *see* Kim, Sun H. K.
Sun-Cal Footwear, Inc.:
Gardena, Calif., footwear for women, Tariff Commission report, 10461
Suong, Vo Thi, *see* Vo, Thi Suong.
Superalloys, *see* Alloys.
Superconductivity:
discharge of superconducting storage device through inverter, USSR study, 03504
superconducting devices and materials, quarterly literature survey, 02635
Superconductors:
phenomena associated with bench and thermal-vacuum testing of superconductors heat pipes, 06876
using superconductivity quantum interference devices, measurement of rf power and attenuation, 01423
Superconductors (electric), *see* Electric conductors.
Supergrade positions, *see* Civil service.
Superior Court of District of Columbia:
Associate Judge, nomination of–
Daly, Edmond T., hearings, 04195
Ugast, Fred B., hearings, 04196
Judge, nomination of David L. Norman, Orman W. Ketcham, hearings, 04195
Superior National Forest:
wolf numbers, 07828
Superphosphates, *see* Phosphates.
Supersonic aerodynamics, *see* Aerodynamics.
Supersonic airplanes, *see* Airplanes.
Supersonic combustion engines, *see* Engines (aircraft).
Supersonic flow, *see* Flow.
Supersonic pressure distribution, *see* Pressure.
Supersonic speed, *see* Air speed-Flow.
Supervision, *see* Supervisors.
Supervisors:
basic management methods and skills, instructor guide, 04949
basic management methods and skills, participant printouts, 10551
HSMHA supervisor's guide on alcohol abuse, 01200
implications for supervision, agency work contexts study, 08837
making effective use of long-term training, guide for supervisors, 03965
postal, arbitration board to settle disputes with Postal Service establish–
hearings, 04137
supervisory procedures for correction of geographic base (DIME) file, 08948
Supplementary medical insurance, *see* Medicare.
Supplies, see Dental supplies–Government supplies–Military supplies–Surgical supplies.
Supply and demand:
demand and price situation, 01870
demand and price situation for forest products, 04787
grain supplies and demand, hearings, 09182
Government's ferrous scrap policy and future supply for foundry industry (address), 10802
short term energy shortages, hearings, 04139
small business and energy shortage, hearings, 04149
trends in world food supply and demand balance (address), 07656
Supply catalogs, *see* Military supplies.
Supply Corps, Navy, *see* Navy Supply Corps.
Supply management:
officer's handbook on unit administration and services, USSR, 06779
Support (family):
child support from fathers having abandoned their children to welfare programs, hearings, 00209
Supports:
electric and electronic bases, holders, and supports, Federal item identification guide, 00261
holders, supports and brackets, electrical and electronic, Federal item identification guide, 05255
Suppressors (noise), *see* Noise suppressors.
Supreme Court:
appropriations, 1974–
supplemental, hearings, 06367
supplemental, proposal, 06219
budget, 1975, amendment, proposal, 09877
cases adjudged–
Court of Claims cases, 01060, 04263, 05861, 06410
official reports, 02396
United States reports, 05862, 11784
cases decided, annotations, 08444
general information, 01585
journal, 02637
records, preliminary inventory, 05641
Supreme Court of United States, booklet, print as House document, provide, report, 03091, 09146
Surface active agents:
production and sales, 09637
Surface mining, *see* Coal mines and mining-Mines and mining.
Surface motion measurements, *see* Surfaces.
Surface water, *see* Water.
Surfaces:
achieving exposed aggregate surfaces for site-cast concrete, investigation of techniques, 06494
backscattering from two-scale rough surface with application to radar sea return, 03591
cut-off corrugated surface properties, parametric study, 03586
determination of ocean surface descriptors using sea photo analysis techniques, 01500
effects of aerosols on determination of temperature of earth's surface from radiance measurements at 11.2 um, 05700
extended evaluation of particulate precipitating heat transfer surface, 07680
FORTRAN programming for surface wave trains, 05732
installation of Xm19 airfield landing mat and ancillary items, special surfacing landing mat, 00317

Surfaces—Con.
non-coherent model for microwave emissions and backscattering from sea surface, 03590
removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
subsonic inlet lip geometry on predicted surface and flow Mach number distributions, effect, 06882
supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
surface active kernel-function flutter analysis of thin lifting surfaces computer program, 10217
surface fracturing of Carpetbag event, Yucca Flat, Nevada test site, Nevada, 04483
theory and construction of multivariated Gaussian surfaces, 01501
thermal radiation heat transfer exchange, 04616
Surgery:
USA-USSR Joint Symposium on Congenital Heart Disease, proceedings, 08115
Surgical instruments and apparatus:
medical and surgical instruments, equipment, and supplies, Federal item identification guide, 03270
Surgical needles:
Federal item identification guide, 05221
Surgical supplies:
catheters, drains and tubes, Federal item identification guide, 06428
medical and surgical instruments, equipment, and supplies, Federal item identification guide, 03270
surgical sutures, Federal item identification guide, 04299
Surplus property:
airport property, release from restrictions, Federal aviation regulations, 01951
changes in law recommended to enable GSA to be more effective in selling excess properties and acquiring public building sites, GAO report, 07837
see also Personal property.
Surry Power Station:
units 3 and 4, Virginia Electric and Power Co., fiche index for nuclear dockets, 07230
Surveillance and Analysis Division:
technical report, 10003-7
Technical Support Branch SA/TSB series, 10866-76
Survey and Reports Section:
statistical note, 01457-60, 04668-70, 10298-300
Surveying:
Caribbean Atlantic geotraverse, NOAA-IDOE 1971, report, magnetic data, 10325
geographical exploration and mapping in 19th century, survey of records in National Archives, 05643
mapping, charting, geodesy and surveying, Federal Mapping Task Force, report, 03548
retracement and evidence of public land surveys, 07836
surveys, maps, and construction plans, planning for emergency construction, 06006
Surveying instruments:
drafting, surveying, and mapping instruments, Federal item identification guide, 03272, 07616
Surveys, *see* Aerial surveys.
Survival:
human factors evaluation of submarine escape and survival, 09456
newsletter, 02639
Survivors, *see* Civil service pensions.
Survivors insurance:
social security rulings, 02598
see also Old-age, survivors, disability, and health insurance.
Survivors' benefits:
civil service pensions, one year law marriage for recognition of spouse, require—
law, 10571
report, 03154
free or reduced rate transportation to family of employees of air carriers, report, 03207
railroad retirement changes, retirement, survivor, medicare, 00611
retirement and survivor benefits for railroad workers and their families, 08823
social security, statistics, monthly, 02307
tax treatment of survivor benefit plans of uniformed services, report, 03153
Susitna Valley area, Alaska:
soil survey report, 05805
Susquehanna County, Pa.:
soil survey report, 01562
Susquehanna River:
water quality project, 11735
Susquehanna River Basin Commission:
public works appropriations, 1974, waiving points of order, report, 02969
public works appropriations, 1975—
hearings, 10683
Sutter County, Calif.:
ground water pumpage, 07851
Sutures:
surgical, Federal item identification guide, 04299
Suwannee River:
lower, National wild and scenic rivers system designation, recommend, 07373
Swamp fever, *see* Anemia.
Swamplands:
classification of freshwater wetlands in glaciated Northeast, 10436
Swann, Rita:
relief, 00876
Swans:
hunting, possession, transportation and importation, 1973-74, Federal regulations, 00656
Swartz, Murray:
relief, 00867
Swatow, China:
synoptic meteorological observations, 11707
Sweden:
economic trends and their implications, for United States, 00475
map, 02887
papermaking machinery and parts, Tariff Commission report, 03791
U.S. diplomatic relations, hearings, 05062
Sweepy logs, *see* Logs.
Sweet gum:
American wood, distribution, use, etc., 05389
Sweet potatoes, *see* Sweetpotatoes.
Sweetgum, *see* Sweet gum.
Sweetpotatoes:
potatoes and sweetpotatoes, usual dates for planting, harvesting, marketing, 07110
production, disposition, value, etc. by States, 05859
Swift-Train Co.:
relief, 00866, 03123, 04980

Swimming:
swimming hydrodynamics of fish, USSR study, 09405
Swine:
census of agriculture 1969, 06071
garbage-feeding, national status on control, 02347
hogs and pigs, inventories, sows farrowing, pig crop, 00698, 08243, 08855, 11783
live hogs, commitments of traders, 01790
Switchboards:
switchboard apparatus, current industrial reports, 00068
Switches, *see* Electric switchgear–Electronic switches.
Switchgear, *see* Electric switchgear.
Switzerland:
economic trends and their implications for United States, 04535
social security, agreement, 00691
status, privileges and immunities of delegations to US-USSR standing Consultative Commission on Arms Limitation, agreement with Switzerland, 03771
Sycamore:
extended planting seasons for sycamore and cottonwood, 00411
Symbionese Liberation Army:
available facts, 08404
Symbolic language, *see* Programming languages.
Symbols:
highway sign symbolology, international conference, proceedings, 05359
name or symbol of Federal Government in collection of debts, prohibit misuse–
law, 04007
report, 03195
Symmetry:
NACA 1-series axisymmetric inlets, investigations, 10218
Sympathetic nervous system, *see* Nervous system.
Symposiums:
advances in North American avalanche technology, 1972, 04432
AFSOR advanced propulsion concepts, proceedings, 05965
international, wildland shrubs, their biology and utilization, 03395
material performance in operating nuclear systems, 00749
respiratory gas exchange and blood flow in placenta, 01454
Skylab results, third Space Processing Symposium, 10202, 11674-5
Synchronization indicators:
time and frequency broadcast experiments from ATS-3 satellite, 06918
Synchronous satellites, *see* Satellites.
Synergism:
effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle, 06855
motion software for synergistic six-degree-of-freedom motion base, 05618
Synoptic meteorology, *see* Meteorology.
Syntactis foam, *see* Foam.
Synthesis gas, *see* Gas.
Synthetic fibers, *see* Fibers.
Synthetic fuels, *see* Fuel -Petroleum.
Synthetic organic chemicals, *see* Organic compounds.
Synthetic woven goods, *see* Textiles.
Syphilis Study Ad Hoc Advisory Panel, Tuskegee, *see* Tuskegee Syphilis Study Ad Hoc Advisory Panel.
Syria:
background notes, 11248
treatment of Israeli POW's and their status under Geneva conventions–
hearings, 09076
Systems:
Air Force technical training systems, adaptation of advanced measurement and evaluation techniques for utilization, 05970
Apollo experience report, systems and flight procedures development, 01411
computer aided design of mechanical systems, engineering design handbook, 00736
development of E-2 weighted airman promotion system, 02825
environmental hazards and systems schools, 09970
mathematical models and computational techniques for analysis of nuclear systems, proceedings of 1973 conference, 06033
series 8100, temperature, salinity, and depth system, 08146
system interconnections for broadband cable teleservices, survey, 03986
Systems analysis:
analysis for managers of people and things, 04269
integrated approach to construction management processes within dynamic system, 06491
petroleum systems reliability analysis, 07738
solar energy programs, 10347
water resource systems analysis, selected annotated bibliography, 10131
see also Systems engineering.
Systems engineering:
human resources sensitivity to system design tradeoff alternatives, feasibility test with jet engine data, 09667
system design and development, State traffic records systems design manual, 00568
systems simulation and solid waste planning, case study, 06589
theory of complex systems, USSR lectures, 01328-9
see also Systems analysis.
Systems engineers:
how to increase design engineer use of human data, 07148
Systems reliability, *see* Reliability (mechanical).
Systems Research and Development Service:
report FAA-RD series, 09627, 10454-5, 11256-60, 11785-90

T

Tabayo, Flora D.:
relief, 00982, 08995
Tables (compilation), *see* Tides.
Tables (furniture):
convertible game tables and components, Tariff Commission report, 08859
Tableware:
ceramic tableware, Tariff Commission report, 10457
china, tableware, Federal standard, 04419
Tabor, John H.:
address, Sept.20, 1973, 00080
nomination, hearings, 01023

Tabulation:
population tabulation plan for State legislative apportionment, hearings, 07441
Tacks:
Federal item identification guide, 05209
Taconite:
carbonate bonding of taconite tailings, 07769
flotation of Marquette Range nonmagnetic taconite using innovative procedures, 07997
superconcentration of commercial magnetic taconite concentrates by cationic flotation, 11055
Tactical vehicles, *see* Vehicles.
Tactics, *see* Military art and science.
Tahoe, Lake:
basin area, soil survey, 09616
Tail (aircraft):
advanced structural concepts for fuselage, 07187
autopilot, effects on airplane responses to turbulence with emphasis on tail loads, 09499
low-radar-cross section OH-6A helicopter tail rotor blade, 11305
tail fan-in-fin yaw control concept, effects on helicopter flying-quality characteristics, 08727
Tailings:
carbonate bonding of taconite tailings, 07769
recovering copper from mill tailings, selected studies, 11063
Taiwan:
future importance of Taiwan and Republic of China to U.S. security and economic interests–
hearings, 03107
mineral industry, minerals yearbook chapter, 11620
Republic of China–
country demographic profiles, 06080
economic trends and their implications for United States, 10981
synoptic meteorological observations, 11707
Talc:
mineral industry surveys, 08009, 11077
Talent:
locating Federal talent for temporary assignments under Intergovernmental personnel act of 1970, 10554
talent and modeling agencies in southern California, 01229
Talented children, *see* Children.
Tamarack:
tamarack seedlings prosper on broadcast burns in Minnesota peatland, 04437
Tanaka, Kakuei:
Prime Minister Tanaka's Washington, visit, July 31-Aug.1, 1973, and Tokyo meeting of Joint U.S.-Japan Committee on Trade and Economic Affairs, July 16-17, 1973, 07044
Tankers:
oil imports, require percentage be carried on U.S.-flag vessels–
hearings, 09920
segregated ballast tanks be required in large tankers contracted for after Jan.1,1976–
hearings, 04134
Tanks (combat vehicles):
detection of cyclohexanone in atmosphere above emplaced antitank mines, 10811
Tanks (containers):
axisymmetrical vibration of partially liquid-filled propellant tanks elastic sphere by method of Green's function, 08063
caps, Federal item identification guide, 07601
control of carbon dioxide cryodeposits, 03603
evaluation of various sizes and configurations of fuel tanks, 09684
liquid nitrogen fuel tank inerting system in FAA DC-9 aircraft, service experience, 10927
Tanning and tanning materials:
extension of existing suspension of duty–
law, 00107
Tantalum:
corrosion of oxygen-doped tantalum by lithium, 08042
creep behavior of alloy T-222 at 1365 to 1700 K, 11146
mass transfer in 1370°C (2500°F) tantalum alloy lithium thermal-convection loop, 08048
performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests, 11135
tantalum-alloy-clad uranium mononitride fuel specimens, evaluation, 10251
thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
wet tantalum capacitors after exposure to extended periods of ripple current, 08713
Tanzania:
economic trends and their implications for United States, 00479
Tape (magnetic), *see* Magnetic tape-Videotape recordings.
TAPS (trans-Alaska pipeline), *see* Pipe lines.
Taps and dies:
and chasers, hand and machine, Federal item identification guide, 04291
Tar:
analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
tar and nicotine content of cigarettes, list, 10547
tar and tar crudes, production and sales, 09638
Targets:
algorithm of operator activities in process of target classification on radar scope, 05523
photoluminescent targets for analysis of underwater optical detection systems, 02857
sky target experiments, computer program to determine possible daily release window, 11650
Tariff:
Brussels tariff nomenclature format, tariff schedules, draft conversion, 08860-61, 08866, 09628-29, 11791
common carrier tariff filings, report, 01953
communications carriers, FCC rules and regulations, 01964
copy, duty suspension, report, 10661
customs bulletin–
bound volume, 11797
weekly, 01852
customs cases adjudged, 06411, 11440
customs convention, 06318
customs guide for private flyers, 04264
customs highlights for government personnel (civilian and military), 04265
customs inspection, 05200
customs regulations, 01853, 03253, 06412
decisions under customs laws, Customs Court, 06413
duties on certain forms of copper, continue, 00094
duty free entry of methanol, hearings, 08443
exporting to United States, 04266
foreign exchange rate changes, effects on U.S. tariff concessions, 01026

Tariff–Con.
horses, temporary suspension of duty, report, 09783
methanol duty elimination–
report, 09038
nontariff trade barriers, Tariff Commission report, 11268
preferential tariff treatment for Latin America and Caribbean
hearings, 09075
rules of the United States Court of Customs and Patent Appeals, 05195
rutile, temporary suspension of duty–
report, 09782
schedules, annotated, 02643, 03794-95, 11793
steel import data, shipments from exporting countries by category by TSUSA number and type of steel, 11222
Trade reform act, amendments to bill proposed, list, 00175
yarns of silk, suspension of duty, continue–
report, 03068
zinc, temporary suspension of duty on certain forms–
report, 09037
Tariff Commission:
annual report, 07068
appropriations, 1974–
hearings, 00198
report, 02967, 06229
appropriations, 1975–
hearings, 10679
nontariff trade barriers, report to Subcommittee on International Trade, 11268
notices of hearings, investigations, etc., 02642
press releases, 02490
staff research studies, 03793, 10464
trade barriers, report to Subcommittee on International Trade, 11267
Task analysis:
job performance aids and related training, 05966
monotonous task requiring sustained attention, personality and physiological correlates of performance decrements, 10529
predicting maintenance task difficulty and personnel skill requirements based on design parameters of avionics subsystems, 02823
selection and analysis of UPT maneuvers for automated proficiency measurement developments, 02822
task difficulty and task aptitude benchmark scales for administrative and general career fields, 05969
Task Force on Education and Training for Minority Business Enterprise, *see* Education and Training for Minority Business Enterprise Task Force.
Taste:
consumer preference and cooking yields of 3 and 5 pound pork spareribs served with and without rib bones, 04839
drinking water taste and odor problems in Grand Lake, Ohio, and Wabash River, Ind., 09321
municipal water supplies in Montana and North Dakota, problems of pollution in Yellowstone River, 10388
Tatum salt dome, *see* Salt domes.
Tax Court:
election of small tax case procedure and preparation of petitions, 04751
reports (decisions), bound volume, 05876, 10466–
consolidated pamphlets, 02644
Tax credits:
foreign tax credit for U.S. citizens and resident aliens, 03447
retirement income credit, tax information, 04517
Tax exemptions:
tax-sheltered annuity plans for employees of public schools and certain tax-exempt organizations, 03463
your exemptions and exemptions for dependents, 04528
Tax refunds:
appeal rights and claims, audit of returns, 04506
Treasury bonds, institute procedures for tax refunds–
hearings, 00168
Tax returns, see Income tax.
Taxation:
alcohol and tobacco summary statistics, taxes, 04812
assessment, sales price ratios and tax rates, 1972 census of governments, 08904
bows and arrows tax to provide wildlife restoration, funds, report, 09904
distribution and use of tax-free alcohol, code of Federal regulations, 02838
emergency windfall profits tax, summary of testimony, 09863
energy taxation study–
alternative conservation taxes, 07454
alternatives for taxation of increased domestic oil and gas profits, 07451
energy trust fund, 07455
possible modifications in tax treatment of foreign oil and gas income, 07453
statistical data, 07452
evasion and disregard of tax obligations, reform of criminal law, hearings, 08502
farm real estate taxes, recent trends and developments, 06476
Federal tax expenditures, estimates, 00169
Federal tax treatment of oil and gas, analysis, 05144
financing schools and property tax relief, State responsibility, 00001
general tax reform–
hearings, 00171-4, 00947-53, 04153, 07456
Interstate sales and use tax act, hearings, 07493
obtain tax deferral through Domestic International Sales Corporation (DISC), 08527
oil and gas energy tax act–
report, 09040
private pension tax reform–
brief summary, 09861
report, 07378-79
summary of differences between Senate and House versions of H.R.2, 09735
property taxes and urban blight, study, 01295
railroad retirement tax tables, Oct. 1973 through Dec. 1974, 00612
recycling of solid waste, tax treatment–
hearings, 10715
reform of Federal criminal laws–
hearings, 07547
revenue sharing and taxes, survey of public attitude, 03831
State tax collection in 1973, 04932
tax calendar and check list, 03457
tax guide, small business, 04521
tax information–
depreciation, 05481
understanding taxes program, teacher's guide, 05486

Taxation–Con.
tax loss farming, return statistics, 07651
tax reform act, effect upon foundations, 09205
tax, treatment of pension plans, 09130
taxability of insurance company dividends received by corporations–
law, 10575
report, 04070, 06343, 09774
teaching taxes program, 04525-6
technical assistance in tax administration, agreement with Trinidad and Tobago, 08236
understanding taxes program, teacher's guide, 05486
value-added tax and alternative sources of Federal revenue, 03832
voluntary tax methods to help finance political campaigns, 09373
see also Employment taxes--Excise taxes–Income tax–Inheritance and transfer tax–Tax refunds.
Taxes, *see* Taxation.
Taxicabs:
D.C. industry study authorizations, hearings, 01025
Taxodium distichum, *see* Baldcypress.
Tea:
foreign agriculture circulars, 02039
Teachers:
basic management methods and skills, instructor guide, 04949
Cuban Refugee Program, new way to meet professional manpower need, 11764
Federal trainer, 02011
how to buy, lesson aids for teachers, 07109
media selection for teachers, etc., aids, supplement, 03312
overseas dependent school system, benefits, 09110
pre-service education of teachers of science, proposal, preparation guide, 08795
teacher turnover in public schools, 07668
teacher's guide for environmental impact of electrical power generation, nuclear and fossil, minicourse for secondary schools and adult education, 04896
understanding taxes program, teacher's guide, 05486
Teaching:
forest conservation, materials to help teach, 10066
guide for operation of instructional improvement implementation projects, pre-college education in science, 11191
instructional systems, development of technical data file on design and use, 07146
instructional information sequences, factors related to developing, 08884
inventory management (IM) individualized instruction materials, advanced development work, 08889
pre-college instructional improvement implementation program for leadership specialist projects, 08156
programs for professional training in special education, special education careers, 01095
teaching materials for environmental education, 01243
use of inferred objectives with non-objectives based instructional materials, 07149
vocational education, State instructional materials, list–
agriculture, 01097
distributive education, 01098
health occupations education, 03313
home economics, 03314
office occupations, 01099
technical education, 03315
Technetium:
bibliography of medical uses of technetium-99m, 1965-71, 04885
Technical aids, *see* Technicians.
Technical and Vocational Education Center, *see* Center for Vocational and Technical Education, Ohio State University.
Technical assistance:
EDA technical assistance, what it is, how to apply, 10806
executive manpower management technical assistance paper EMMTAP series, 08959
improving marketing systems in developing countries, strengthening technical assistance, 07653
tax administration, agreement with Trinidad and Tobago, 08236
technical assistance project–
Fort Collins Wastewater Treatment Facility, Fort Collins, Colo, 10875
Greeley Wastewater Treatment Facility, Greeley, Colo., 10866
Trinidad Wastewater Treatment Facility, Trinidad, Colo., 10869
Upper Eagle Valley Sanitation District Wastewater Treatment Facility, Avon, Colo., 10876
Technical assistants:
examination announcement, 00077
Technical bulletins:
Agriculture Department, 00021, 03876, 04793-7, 05953-7, 07130
National Oceanographic Instrumentation Center, 10329
Technical education:
Air Force technical training systems, adaptation of advanced measurement and evaluation techniques for utilization, 05970
factors related to developing instructional sequences, 08884
State instructional materials, list, 03315
validity of Armed Services vocational aptitude battery, form I, to predict technical school success, 02829
vocational and technical education–
personnel evaluation, 10287
student evaluation, 10286
Technical Group on Electrical Transmission and Systems:
Federal Council for Science and Technology, report, 00359
Technical information:
improving dissemination and use, 08800
technical publications–
Atlantic Oceanographic and Meteorological Laboratories, 07785
format requirements, manual, 08546
Technical manuals:
Army Department, 03911-2, 04866-78, 06006-8, 07172-78, 09682, 10511-2
National Ocean Survey, 06971
Technical manuscripts:
Construction Engineering Research Laboratory, 00299, 06489, 07680
Technical memorandums:
Coastal Engineering Research Center, 05295, 06488, 09980
National Aeronautics and Space Administration, 06852, 08042-9, 08718-24, 08746-7, 09448-98, 10215-33, 11097-120, 11653-9

Technical memorandums–Con.
National Oceanic and Atmospheric Administration, 00589-90, 01477, 03667, 05699, 06975, 08145, 10315-27, 11183, 11692
Waterways Experiment Station, 10816
Technical notes:
Army Air Mobility Reseach and Development Laboratory, 00743
National Aeronautics and Space Administration, 00553, 01401-12, 03597-615, 04620-32, 05613-34, 06853-97, 08050-80, 08725-42, 09499-510, 10234-58, 11121-55, 11660-8
National Bureau of Standards, 00561-2, 01419-27, 03643-48, 04639, 06915-23, 08100-5, 07857-61, 10269-72, 11167-68
Occupational Safety and Health Administration, 02645
Technical papers:
Census Bureau, 02883, 04938, 07285
Sport Fisheries and Wildlife Bureau, 01563, 03758, 05814
Technical progress reports:
Mines Bureau, 06839-40, 08010-1, 09475, 10198, 011645
Technical reports:
Air Force Human Resources Laboratory, 02822-32, 04800-2, 05966-73, 07138-53, 08280, 08883-89, 09665-77, 10501-2
Air Force Office of Scientific Research, 04799, 05965, 07136-7
Annapolis Field Office, 10820-1
Army Air Mobility Research and Development Laboratory, 00039, 00744-6, 02841, 04874-79, 06009-22, 07179-202, 08290-6, 08893-94, 09683-7, 10513-6, 11304-5
Army Engineer Division, North Pacific, 09266-68
Cold Regions Research and Engineering Laboratory, 01103-7, 05297, 05305-6, 09269, 09982, 10813
Construction Engineering Research Laboratory, 01109-10, 03318, 05307-8, 06491-500, 07681-5, 08538, 09271-72, 09985-7, 11459-60
Defense Civil Preparedness Agency, 01061, 09970
Environmental Protection Agency, 00353
NASA technical report R (series), 01413-4, 03616-8, 05635, 08081, 09511, 10259-60, 11156-7, 11669
Natick Laboratories, 04832-7, 04838-54
National Oceanic and Atmospheric Administration, 00591-4, 01478-84, 03668-72, 04681, 05700-4, 06976-89, 09552-4, 10323-6
Naval Oceanographic Office, 03691, 08811
Naval Weapons Laboratory, Dahlgren, Va., 04700-7, 05728-47
Surveillance and Analysis Division, EPA, 10003-7, 10866-76
Waterways Experiment Station, 00319-21, 01144-5, 05311-3, 06532-5, 07717-8, 08539, 09991, 10817-9
Technical translations:
National Aeronautics and Space Administration, 00554, 03619-22, 06898-900, 08082-3, 08743, 09512, 10261, 11158
Technicians:
Federal scientific, technical and health personnel in 1972, 10344
Federal scientific, technical, and health personnel, 03682
junior Federal assistant, examination announcement, 08960
National Guard retirement, correct inequities for credit in civil service system–hearings, 04138
National Guard technicians–
merit promotion program, 03660
reduction in force, 11682
pay, national survey, 06807
professional, administrative, technical, and clerical pay, national survey, 04567
reemployment assistance, unemployed because of aerospace and defense cutbacks, GAO review, 06693
science and engineering technician education program, 08798
technician personnel pamphlet, 03660, 11682
see also Fire control technicians.
Technological innovations:
ACCESS, Santa Barbara Regional Pilot Process, 10335
barriers to innovation in industry, opportunities for public policy changes, 10336
Federal incentives for scientific and technical innovations–
hearings, 08477
productivity and technological innovation, bibliography, 06455
technology assessments, candidates and priorities, approach to priorities, 11188
technology utilization in public sector (address), 10348
Technology:
advancement, impact of NASA contributions, 10204
advances in North American avalanche technology, 1972 symposium, 04432
air bags development and technology–
hearings, 05124
application of modern technologies to international development, list of reports, 01650
assessment and forecast, early warning report of Office of Technology Assessment and Forecast, 06129
biomedical technology & engineering, weekly Government abstracts, 02762
building technology, weekly Government abstracts, 02763
Center for Building Technology, project summaries, 11165
coal technology, key to clean energy, annual report, 06116
cold regions, bibliography, 01106
collaborative research program between NBS and Indian scientific institutions, special foreign currency program, 06920
commerce science and technology, overview (remarks), 02892
computer networking, review, 08101
decision-related research utilized by local government, 09563
electronic technology reprints, 05645
energy from oil shale, technical aspects, 08439
equipment and technology used in gold extraction in foreign countries, USSR study, 08671
Federal policy, plans, and organization for support and utilization–
hearings, 05084
fiscal year 1974, Air Force technical objective document, 00031
forecasting of long-term requirements for rigid airfield pavement systems, 01109
hypersonic transport technology planning, methodology, 03578

Technology–Con.
LPPSD technical information exchange, low pollution power systems development, 01176
new technology to end cruelty at horse shows, 00018
noise source abatement technology and cost analysis including retrofitting, 04379
regional problems of scientific, technical progress, USSR study, 08645
science, technology, and American diplomacy, 04102, 09073
scientific and technical cooperation, agreement with, Australia, 00692
scientific-technical progress, analysis of tendencies and forecast, USSR study, 03491
scientific-technical progress and revolution in military affairs, Soviet view, 08283
Small Business Administration, technology utilization from Government research and development programs, discontinued–
hearings, 00945
Smithsonian studies in history and technology, 00632, 01549, 05790-91
target for today's technology, energy complex (address), 01417
technical terms and definitions used with law enforcement communications equipment , 05548
technologic trends in mineral industries, 11627
technological innovation in education, proposals, guide for preparation, 08794
technology assessments, candidates and priorities, survey of State officials, 11698
technology licensing prospects, U.S., U.S.S.R., 00812
technology transfer, bridge between research and use, 02646
technology transfer, issues and opportunities (address), 02895
technology utilization (series), 04618-9 08717, 11651-2
thermodynamics of chemical species important to rocket technology, 08093-4
trends in science and technology and their implications for engineering education (remarks), 02896
U.S.-U.S.S.R. advanced technology transfer–
hearings, 11404
U.S./U.S.S.R. technology exchange–
conditions for successful program (remarks), 07337
U.S./U.S.S.R. technology transfer–
observations (remarks), 08327
role of industrial property rights protection (remarks), 07335
urban technology, weekly Government abstracts, 02780
utilization in public sector (address), 10348
utilization program of Small Business Administration–
report, 05031
utilization series, 05612
see also Atomic energy-Census Bureau–Technological innovations.
Technology Assessment Office:
background and status, 09116
Technology Transfer:
EPA Technology Transfer seminar publication, 08868
Tectonics:
southwest of San Andreas fault, Santa Cruz Mountains and Gabilan Range, California Coast Ranges, 05434
studies of earth using space photographs, USSR study, 06763
Teenagers, *see* Youth.
Teeth:
occlusion of teeth of children, 6-11 years, 09529
save your teeth, 04487
Telecommunication:
Atomic Energy Commission, Federal telecommunications system, telephone directory, 06067
code of Federal regulations, 03354, 06630, 10043
Forest Service telecommunications study–
large fire communications system, 04452-53
main study recommendations and findings, 04449
planning, organization, financing and management, 04451
requirements, evaluation, replacement and maintenance policies, 04450
networking terminology, guide, 10271
research in United States and selected foreign countries, 11198
systems, time and frequency reference information, Federal standard, 10923
treaties and other international agreements, OT report, 07333
U.S. international telecommunication rate history, 07332
Telecommunications Office:
annual report, 04971
OT reports, 00084, 00806-10, 02894, 03985-89, 04972-74, 06124-25, 07332-33, 08964
press releases, 02455
Telegraph:
carriers, quarterly operating data, 02521
FCC rules and regulations, 10897
franks, FCC rules and regulations, 01964
new automatic channel switching telegraph stations, USSR study, 07929
radiotelegraph carriers, uniform system of accounts, FCC rules and regulations, 01963
scientific and technical conference on problems, USSR study, 08641
telephone and telegraph equipment, Federal item identification guide, 05235, 09252
wire, classification of employees, FCC rules and regulations, 01964
wire-telegraph and ocean-cable carriers, uniform system of accounts, FCC rules and regulations, 01963
Telegraphy, *see* Telegraph.
Telemetry:
all-Union radio day scientific meeting, 09428
Apollo experience report, development flight instrumentation of telemetry equipment, 08079
hydroacoustic telemetry, USSR study, 04549
slow speed system for water pollution surveillance, specifications, 10863
telemetering hydrographic tide gauge, 06987
Telephone:
basic propositions for system of automating zone telephone networks, USSR study, 07930
carriers–
annual statistics, 01198, 05351
quarterly operating data, 02520
companies, uniform system of accounts, FCC rules and regulations, 01962
companies–
class A and class B, classification and compensation of employees, FCC rules and regulations, 01964

Telephone - Con.
consolidation, acquisition or control applications, FCC rules and regulations, 01964
density and telephone company area data, 04973
dial telephone network, data communications system throughput performance, 01425
directories -
Atomic Energy Commission, 03927
Defense Department, 01872
Environmental Protection Agency, 04385
Health, Education, and Welfare Department, 05439
House of Representatives, 09012
NASA headquarters, 02333
State Department, International Development Agency, Arms Control and Disarmament Agency, Overseas Private Investment Corporation, 07051, 08854
Transportation Department, 01875
Treasury, 02686
FCC rules and regulations, 01964, 10897
materials acceptable for use on systems of REA borrowers, list, 02251, 04728
materials acceptable for use on telephone systems of REA borrowers, list, 08194
nine-one-one, emergency telephone number, handbook for community planning, 03800
productivity in telephone communications, 07951
rural program, statistical report, 08195
rural, restore direct loan program, report, 00908
rural, system construction contract labor and materials, 09603
SI0-60 individual equipment for multichannel long-distance communications systems, USSR study, 07936
telephone and telegraph equipment, Federal item identification guide, 05235, 09252
U.S. international telecommunication rate history, 07332
Telephone lines:
extension, etc., FCC rules and regulations, 01964
Telephone utilities:
Federal and State commission jurisdiction and regulation, 09304
Telescopes:
CMG [control moment gyroscope] induced LST [large space telescope] dynamics, 11113
control laws and actuator locations for control systems applicable to deformable astronomical telescope mirrors, 05614
see also Radio telescopes - Spaceborne telescopes.
Teletype:
ribbons, teletypewriter, record, Federal standard, 01226
Teletypewriters, *see* Teletype.
Television:
Apollo experience report, television system, 04632
blackout of home games in professional sports, prohibit -
hearings, 04124
law, 03999
report, 04053-4
blackouts of professional sporting events, evaluation of necessity, 00144
broadcast actions, report, 01953
broadcast industry's response to TV ads - hearings, 04246
broadcast license renewal -
hearings, 04119-20
report, 08366, 10655
cable television, actions, reports, 01953
cable television, handbook for decisionmaking, 11697
cable television, summary and overview for local decisionmaking, 08151
cloud photography, meteorological satellite data, catalog, 00323, 01146, 03319, 07719-21
communication, equipment, Federal item identification guide, 05237
LASCOT, large screen color television system, 07226
noncommercial educational television and radio broadcasting facilities, constuction grants, law, 00099
regulating children's television advertising (address), 11529
similarities and differences of cable and broadcast television (address), 05348
specialized equipment, price list reappraisal as of Jan. 1, 1973, USSR study, 11001
technical requirements for broadband cable teleservices, survey -
selected bibliography, 04972
signal transmission and delivery between head-end and subscriber terminals, 03985
subscriber terminals and network interface, 00808
summary of technical problems associated with broadband cable teleservices development, 00807
system control facilities, head-ends and central processors, 00809
system interconnections, 03986
use of computers in CATV two-way communications systems, 02894
there's brand new language, notes for broadcasters, 08222
Television and Social Behavior Scientific Advisory Committee, *see* Scientific Advisory Committee on Television and Social Behavior.
Television cameras, *see* Cameras - Television.
Television receivers, *see* Receivers (electronic) - Television.
Temperature:
antenna temperature dependence on polarization of emitted radiation of scanning microwave radiometer, 06981
antenna temperature measurements, efficient technique for determining apparent distributions from, 03582
ASRDI oxygen technology study, low temperature measurement, 11095
atmospheric effects on remote sensing of nonuniform temperature sources, 11094
austenitic stainless steel creep deformation under complex stresses at high temperature, 07206
behavior in alpha-iron at lower temperatures, 06895
complex permittivity measurements during high temperature recycling of space shuttle antenna window and dielectric heat shield materials, 01391
effects of aerosols on determination of temperature of earth's surface from radiance measurements at 11.2 um, 05700
elevated-temperature tensile properties of alloys based on intermetallic compound TiNi, 08069

Temperature–Con.
epitaxial growth of 6H silicon carbide in temperature range 1320°-1390°C, 08074
free-stream temperature, density and pressure measurements in expansion tube flow, 03598
fretting of nickel-chromium-aluminum alloys at high temperature oxidation, 09508
high temperature storage effect on acceptability and stability of intermediate moisture food, 04842
high-temperature contact nucleation of supercooled water by organic chemicals, 08178
high-temperature dielectric properties of candidate spaceshuttle thermal-protection-system and antenna-window materials, 11129
inlet-air humidity, temperature on formation of oxides of nitrogen in gas turbine combustor, effect, 05625
Langley 8-foot high-temperature structures tunnel, loading and heating of large flat plate at Mach 7, 01404
low gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
low temperature coefficient of resistance and high gage factor in beryllium-doped silicon, 11128
low temperature, lime disinfection of sewage bacteria, 04368
low-temperature heat capacity and high-temperature enthalpy of TiAl3, 11630
on indirect pressure estimation from measurements of height and temperature, 03903
optical measurement of static temperature in hydrogen-fueled supersonic combustor, 08746, 09490
Pacific Northwest, monthly, 02416
pressure, temperature, humid measure-control instruments, Federal item identification guide, 07618
river temperatures, Pacific Northwest, 02558
solids at room temperature and below, thermal conductivity, review and compilation of literature, 03638
statistical prediction of equilibrium temperature from standard meteorological data bases, 05326
STD observations in northeast Pacific, Sept.-Oct. 1972, 00592
temperature and strain effect on ship steels, 07026
temperature, salinity, and depth system, 08146
tensile behavior of boron/epoxy-reinforced 7075-T6 aluminum alloy at elevated temperatures, 09520
thermodynamic properties of UF6 at high temperatures, 08039
transient turbine vane temperatures in cascade for gas stream temperature, 11653
trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
see also Cold–Heat transfer–Ocean temperature–Water temperature.
Tenants, *see* Landlords and tenants.
Tennessee:
census portrait, 08928
counties, population estimates, 00777
climatological data, 1759
electric rate book, 04412
precipitation data, hourly, 02130
registry of minority contractors and housing professionals, listing in selected cities, 00453
Tennessee River and Valley:
air-drying guide for Tennessee Valley, 11270
birds, checklist, 09643
concentration by competing raw fuel industries in energy market and its impact on small business, investigation, report, print additional copies, report, 09765
effects of dredging sand and gravel, limited study of effects, 05878
labor trends, 1960-70, forest industries, 08255
precipitation in basin, monthly, 02446
rainfall guide for Tennessee Valley loggers, 10472
Tennessee Valley perspective (periodical), 02647
Tennessee Valley Authority:
annual report–
appendixes, 09642
text, 09641
appropriations, 1975–
hearings, 09049
budget program, 1975, justification and estimates, 10468
electricity sales statistics, retail distribution, 01902
fiche index for nuclear dockets, 06040
financial statements, fiscal year report, GAO examination, 09752
forestry bulletin, 03801, 07081, 11795
Forestry, Fisheries, and Wildlife Division, annual report, 05877
industrial development in TVA area, 10471
marketing H2S04 from S02 abatement sources, TVA hypothesis, 10835
pollution control facilities, credit for expenditures–
hearings, 08437
power annual report, 03803
power, municipal and cooperative distributors, 1973 operations, 05880
power, distributors, fiscal years 1969-73, statistics, 10473
public works appropriations, 1974–
hearings, 03245
waiving points of order, report, 02969
technical note, 08255, 11796
Tennessee Valley perspective (periodical), 02647
Tennessee-Tombigbee Waterway:
ground resistivity survey, 01105
Tensile strength, *see* Strains and stresses.
Tensiometers:
vibra-tension model ET-U for cable tension or loads, 11694
Tension:
air traffic control personnel–
physiological responses, 10530
physiological, biochemical and psychological responses, 10531
how you can handle pressure, 05680
predicting activity of man in extreme states, USSR study, 05509
susceptibility to anxiety and shift difficulty as determinants of state anxiety in air traffic controllers, 07250
three-point-bend tests for materials with tension/compression properties, 08737
see also Strains and stresses.
Tensors:
co-moving tensorial derivative, general form, 11660
Tenure of land, *see* Land tenure.

564-800 O - 75 - 30

Terminals (cable):
signal transmission and delivery between head-end and subscriber terminals for broad-band cable teleservices, survey, 03985
using high speed terminals on dial telephone network, data communications system throughput performance, 01425
Terminals (transportation):
air traffic control handbook, 00730, 07161
ATC concepts for V/STOL vehicles, 11790
automated radar terminal system (ARTS) III, 03331
LASH, terminal port of New Orleans, dedication (speech), 01351
offshore oil terminal design considerations for United States waters, 08690
offshore ports and terminals for oil imports, permits to construct, operate and maintain–
hearings, 04133
report, 06246
State's options, hearings, 08427
rail and marine interface at port of–
Baltimore, 05570
Hampton Roads, report, 03555
terminal navigational facilities, airport design standards, site requirements, 02837
Termination of National Emergency, Special Committee on, Senate:
report, print additional copies–
report, 03092
Terminology, *see* Terms and phrases.
Termites:
termites, plague and mold, inspect your house against insects and decay, Spanish edition, 08626
Terms and phrases:
networking terminology, guide, 10271
reference aid, abbreviations, acronyms and special terms in Turkish press, 10995
technical terms and definitions used with law enforcement communications equipment (radio antennas, transmitters, and receivers), 05548
Ternary systems:
properties of glasses containing BaO and Sio, 03632
Terns:
literature on California least tern, 08226
Terraces:
farming terraced land, 07118
Terrain:
arctic terrain characteristics data bank, description, 07679
Terrain models, *see* Relief models.
Terrell County, Tex.:
soil survey, 11239
Terrestrial magnetism:
forecasting pressure variations at sea level during geomagnetic distrubances, USSR study, 04550
Terrestrial physics, *see* Geophysics.
Territorial waters:
prohibit fishing except by vessels of United States, hearings, 04131
Territories:
territorial areas administered by United States, 01316
Tertiary period:
large-magnitude late Tertiary strike-slip faulting north of Lake Mead, Nev., 06704
Test chambers:
identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
method for recording and analyzing EEGs and VERs from rats under hyperbaric conditions, 06824
Test equipment, *see* Testing apparatus.
Test stands:
test and maintenance stands, Federal item identification guide, 03289
Test wells, *see* Well drilling.
Testimony, *see* Evidence.
Testing:
cargo slings with nondestructive checkout systems, 07201
dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
EPA alkali scrubbing test facility, sodium carbonate and limestone test results, 01160
evaluation of measurement methods and instrumentation for odorous compounds in stationary sources, field testing, 01168
FAA views on nondestructive testing (address), 10062
fatigue cracks, detection by nondestructive testing methods, 08036
helicopter cargo handling systems, qualification test methods, 07192
nondestructive testing of construction materials and operations, 06497
techniques for determining static mechanical properties of pneumatic tires, 11090
tests and procedures for determining purity of tetrasodium ethylenediaminetetraacetate (EDTA), 11205
undulatory conveyor tests and evaluation, 09469
Testing apparatus:
analyzers and testers, laboratory, Federal item identification guide, 04323, 07631
electronics industry production and test equipment, export opportunities, global market survey, 10148
physical properties testing equipment, Federal item identification guide, 03280
Tethering:
balloon tethered in wind stability analysis and trend study, 01403
Tetrafluoromethane:
measured pressure distributions on large-angle cones in hypersonic flows of tetrafluoromethane air, and helium, 08059
TEVAP (timber evaluation and planning), *see* Timber.
Texarkana Dam and Reservoir:
change name to Wright Patman Dam and Lake–
law, 04996
report, 06335
Texarkana, Tex.:
Red River Army Depot, industrial wastewater, 09271
Texas:
artificial-recharge experiments and operations on the southern high plains of Texas and New Mexico, 03416
census of population, 1970, 07259
climatological data, 01760
census portrait, 08929
congressional districts, 94th Congress, 08940
cotton varieties planted in early producing sections, 10490
electric rate book, 06622
landings, fish and shellfish, 02648, 05691
Outer Continental Shelf oil and gas general lease sale, offshore Texas, 1974 proposal, 10165

Texas–Con.
precipitation data, hourly, 02131
proposed 1974 Continental Shelf, oil and gas general lease sale, offshore Texas, 11588
registry of minority contractors and housing professionals, listing in selected cities, 00455
water resources data, 01279
Texas International Airlines, Inc.:
accident report, 10351
Textile fibers, *see* Fibers.
Textile machinery:
trade data, 10804
Textiles:
broadwoven gray fabric production, current industrial reports, 02871
cloth, Federal item identification guide, 06426
fabric boom concept for containment and collection of floating oil, 06569
industry wage survey, 06805
kitchen ranges in fabric fires, 11168
machinery parts, Herr Manufacturing Co. Inc., Tariff Commission report, 11266
man-made fiber broad woven goods, current industrial reports, 01847
man-made fiber textiles, tables depicting United States foreign trade, 10398
narrow fabrics–
current industrial reports, 00066
nonwoven fabrics, current industrial reports, 11320
plumbing fixtures, current industrial reports, 01847
products, fabrics, or related materials accidental burning causing death, injuries and economic losses, studies, 10961
quarpel-treated fabrics by analysis with 14 MeV neutron activation source, 04835
stress-strain response of fabrics under two-dimensional loading, 04851
tariff schedule of United States annotated, cotton, wool, man-made fibers, 06456
test methods, Federal standard, 10050
textile repair shop, mobile, Federal item identification guide, 00258
trade in wool and man-made fiber textile products with Macao, agreement with Portugal, 01574, 04749
wool and man-made fiber textile products, trade agreement with–
Hong Kong, 05826
Japan, 07053
wool, broadwoven goods, current industrial reports, 01847
woven fabric production weekly average, seasonal adjustment supplement 1968-72, current industrial reports, 04924
woven fabrics, current industrial reports, 01846
woven fabrics, inventories and unfilled orders, seasonal adjustment supplement, 1968-1972, 03948
woven wool and polyester/wool worsted fabrics, workers of Martha Baum and Hannah Pickett plants, Rockingham, N.C., of J. P. Stevens & Co., Inc., Tariff Commission report, 00703
see also Cotton.
Textures:
directional transformation in steel, texture behavior and martensite morphology, 06490
Thailand:
agricultural commodities, agreement, 01577
economic trends and their implications for United States, 00488
political situation, hearings, 09832
Thames River:
water quality management, basin statement, 11219
Thayne, Wyo.:
benthic survey of Flat Creek and Salt River, 10871
Theater of operations, *see* Combat areas.
Theft:
criminal redistribution systems and their economic impact on small business, hearings, 00243
Federal crime insurance against burglary and robbery losses, 09350
how to protect your home against robbery, Spanish edition, 11547
patterns of burglary, 00514
securities, thefts and frauds, organized crime–hearings, 07510-1
tax information on disasters, casualty losses, and thefts, 05482
Therapeutics:
group treatment for parents of handicapped children, 04576
modify individuals in order to minimize risk of cancer development, national cancer program, 04642
national high blood pressure education program, data base for effective antihypertensive therapy, 06937
ultrasonic therapy equipment in Pinellas County, Fla., survey of use and performance, 01538
Therapy, *see* Therapeutics.
Thermal analysis, *see* Heat.
Thermal conductivity, see Heat transfer–Mass transfer.
Thermal convection, *see* Mass transfer.
Thermal cycling:
comparison of isothermal and cyclic oxidation behavior of 25 commercial sheet alloys, 10249
effect of cyclic conditions on dynamic oxidation of gas turbine superalloys, 10248
isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base alloys, 06888
thermal cycle and efficiency of versatile power unit with magnetohydrodynamic generator and thermoelectric generator, USSR study, 05531
Thermal detectors:
transmission thermal mapping of main rotor of helicopter, 08293
Thermal energy:
Martian thermal boundary layers, subhourly variations induced by radiative-conductive heat transfer, 03587
ocean thermal energy conversion, research, program solicitation, 09565
residential energy consumption, single family housing, final report, 10974
thermal power plant siting in Pacific Northwest, panel discussion, 11213
thermionic performance of variable-gap cesium diminiode, 11098
Thermal environment, *see* Environment.
Thermal expansion, *see* Expansion (thermal).
Thermal gradients, *see* Temperature.
Thermal insulation, *see* Insulation.
Thermal pollution, *see* Water pollution.

Thermal properties:
low BTU gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
measuring thermal properties of cylindrical specimens by use of sinusoidal temperature waves, 05298
mechanical, thermal, and electrical properties of selected polymers, compilation and evaluation, 03631
simulation of thermal systems of space vehicle and its environment, 03620
thermal characteristics of shortite, 09474
thermophysical properties of nitrogen from fusion line to 3500 R (1944 K) for pressures to 150,000 PSIA, 08100
Thermal protection, *see* Insulation.
Thermal radiation:
heat transfer, exchange between surfaces and in enclosures, 04616
modeling for pollution predictions, 07748
Thermal stability, *see* Stability.
Thermal stratification, *see* Stratification.
Thermal stresses, *see* Strains and stresses.
Thermal vacuum tests:
Apollo experience report, manned thermal-vacuum testing of spacecraft, 08740
flight model spacecraft performance during thermal-vacuum tests, analyses, 06878
gas flow analysis during thermal vacuum test of spacecraft, 06892
in-flight and laboratory vacuum-friction test results, 06880
phenomena associated with bench and thermal-vacuum testing of superconductors, heat pipes, 06876
Thermochemistry:
compounds of rare-earth and actinide elements, 08299
Thermodynamics:
chemical species important to rocket technology, 08093-94
chemical thermodynamic properties of hydrocarbons and related substances, properties of alkane hydrocarbons, C-1 through C-10, in ideal gas state from 0 to 1500 k, 10180
energetics of water binding in dehydrated foods at very low moisture levels in relation to quality parameters, 04833
parametric thermodynamic analysis of closed-cycle gas-laser operation in space, 11142
phenomena associated with bench and thermal-vacuum testing of superconductors, heat pipes, 06876
thermodynamic analysis of axial-flow laser-powered thruster, 09497
thermodynamic and transport properties of air and its products of combustion with ASTM-A-1 fuel and natural gas, 05633
thermodynamic properties of UF6 at high temperatures, 08039
WASP, flexible FORTRAN IV computer code for caluclating water and steam properties, 05623
see also Heat transfer.
Thermoelectric generators:
thermal cycle and efficiency of versatile power unit with magnetohydrodynamic generator and theroelectric generator, USSR study, 05531
Thermographs:
new technology to end cruelty at horse shows, 00018
Thermoluminescence, *see* Luminescence.
Thermonuclear reactions, *see* Nuclear reactions.
Thermonuclear reactors, *see* Reactors (atomic).
Thermoplastics, *see* Plastics.
Thesauruses:
medical and health related sciences thesaurus, 01467
Thickness measurement:
use of thick-airfoil theory to design airfoil families with thickness and lift varied independently, 10246
Thin films:
thin-film hybrid microcircuit substrate metallization, 07219
thin-film sodium tungsten bronzes, preparation and evaluation, 08047
Thinking, *see* Thought.
Thinning of forests, *see* Forest thinning.
Thomas, Charles W.:
deceased, relief, 11407
Thomas, Ella C.:
reports of tax court, 10466
Thomas, Lewis:
remarks, March 21, 1973, 08779
Thomaston, Conn.:
flood plain information, 07689
Thompson, Mayo J.:
nomination, hearings, 01023
Thompson, Morris:
nomination, hearings, 07527
Thoria, *see* Thorium oxide.
Thorium:
pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, interlaboratory comparison evaluation, 06044
Thorpe, Jim:
commemorative medal—
law, 00847
report, 00913, 00995
Thorium oxide:
properties of dispersion-strengthened chromium-thoria alloys produced by ball milling in hydrogen iodide, 09504
Thought:
visual thinking, USSR study, 07923
Threading machines:
grinding, threading, honing, and buffing machines, Federal item identification guide, 01076
Three Mile Island Nuclear Station:
Metropolitan Edison Company, fiche index for nuclear dockets, 02853
Three Rivers, Tex.:
hearings on Nueces River project, 07417
Thresholds (perception):
arrival-time estimation by adaptive thresholding, 07002
bioeffects thresholds for various spectral ranges of light, review, 08189
Thrift, *see* Saving and thrift.
Thrombolysis:
fibrinolysis, thrombolysis, and blood clotting, bibliography, 02019
Thrust:
effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle, 06855
effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
HLH/ATC drive system aft rotor shaft bearing test, report, 08290
performance of isolated plug nozzles with 2 types of 40-spoke noise suppressor, 08044

Thrust–Con.
pressure distribution on vectored-thrust V/STOL fighter in transition-speed range, 08718
Thrust bearings, *see* Bearings (machinery).
Thrusters, *see* Thrustors.
Thrustors:
electric arc discharge damage to ion thruster grids, 11105
endurance testing of downstream cathodes on low-power MPD thruster, 10250
seeded gas thrusters and related system components, 08035
thermodynamic analysis of axial-flow laser-powered thrustor, 09497
TIAS, *see* Treaties.
TICUS (Tidal and current survey system), *see* Tides.
Tides:
current charts, Long Island Sound and Block Island Sound, 09550
current tables, 1974, North America and Asia, 01475
tables, high and low water predictions, 1974–
central and western Pacific Ocean and Indian Ocean, 00588
high and low prediction, 1975, west coast, of North and South America, including Hawaiian Islands, 05698
telemetering hydrographic tide gauge, 06987
TICUS 1, Mark 2, operation and maintenance manual, 06971
wave and tide monitor, model 9010, 11693
Tiles:
building glass, tile, brick, and block, Federal item identification guide, 05250
phosphorus furnace slag utilization in ceramic wall and floor tile, 09468
Tillage:
conservation tillage, produce, protect and conserve energy, 10428
Tillatoba Creek:
Tallahatchie County, Miss., model test of box inlet drop spillway and stilling basin proposed, 02802
Timber:
Alabama forests, timber trends and prospects, 06672
Close Timber Utilization Committee–
report, 04435
computer-produced timber management plans, program TEVAP, 08591, 10070
cost-price, useful way to evaluate timber-growing alternatives, 06663
exports, limit, report, 11411
hardwood timber stands, deriving fair incentives for management, 00415
harvesting effects on stream temperatures, literature review, 08589
improved system for estimating value of western white pine, 07832
long-term contracts for forest land and timber in South, 05405
measurement and management planning in Northwest, 11532
Mississippi timber resources, midcycle evaluation, 06674
more intensive reforestation and timber stand improvement programs could help meet timber demand, GAO report, 07841
more usable dead or damaged trees should be salvaged to help meet timber demand, GAO report, 01247
outlook for timber in United States, 03394
renewable material, 05657
sawmill manager adapts to change with linear programming for determining stumpage-purchasing strategy, 05406
simulating changes in even-aged timber stands, 04444
structural glued laminated timber, 06925
stumpage prices for sawtimber sold from national forests, 02622
Timber and the Environment, President's Advisory Panel, *see* President's Advisory Panel on Timber and the Environment .
Time:
and frequency reference information in telecommunication systems, Federal standard, 10923
arrival-time estimation by adaptive thresholding, 07002
daylight saving time on year around basis for two-year trial–
hearings, 05072, 07479
law, 04994
report, 03087, 03098, 06253
decoupling in linear time-varying multivariable systems, 05629
identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
ordering time to serve prisoners, planning and administering of work release, 05552
predicted effects of proposed navigation improvements on residence time and dissolved oxygen of salt wedge in Duwamish River estuary, King County, Wash., 01261
space shuttle ferry flights statistical analysis of flight times, 10212
standards of time and frequency in U.S.A., 10269
time and frequency broadcast experiments from ATS-3 satellite, 06918
Time controlling mechanisms:
en route position and time control of aircraft using Kalman filtering of radio aid data, 05634
Time delay:
velocity lag of solid particles in oscillating gases and in gases passing through normal shock-waves, 09503
synchronous satellite time delay computer, 01420
Time deposits:
interest payments on time and savings deposits, extend certain laws–
report, 03135
time and savings deposits at commercial banks, changes, 00378, 03361, 10916
Time-interval differentiator:
time interval collecting device for insect traps, 02808
Time keeping:
applications of atomic clock timekeeping accuracy (remarks), 07336
Time series:
mesoscale objective map analysis using weighted time-series observations of atmospheric circulation, 01477
Timers:
time-fixed rendezvous by impulse factoring with intermediate timing constraint, 11669
Timing devices, *see* Timers.
Timpanogos Cave National Monument:
general information, 11696
Tin:
mineral industry surveys, monthly, 02650
minerals yearbook chapter, 05596

Tin–Con.
reducing tin impurities in ferrous scrap recovered from incinerated municipal refuse, 01376
Tip moths:
emergence cage for soil-pupating Rhyacionia spp., 08590, 10069
Tip turbine fans, *see* Turbine fans.
Tips (monetary), *see* Gratuities.
Tires:
comparison of tire reserve loan for 1974 passenger cars, 08118
cord and fabrics, current industrial reports, 01847
cornering characteristics of 40 x 14-16 type VII aircraft tire and comparison with characteristics of C40 x 14-21 cantilever aircraft tire, 05619
inner tube, pneumatic tire, Federal standard, 07814
numerical model of ride dynamics of a vehicle using segmented tire concept, 01145
pneumatic tire, Federal item identification guide, 04274
pneumatic, testing techniques for determining static mechanical properties, 11090
pneumatic, vehicular (highway), federal standard, 06636
Tissues:
biological, physical mechanism of destruction with use of focused ultrasound, USSR study, 09401
Titan (moon of Saturn):
atmosphere of Titan, 10214
Titanium:
elevated-temperature tensile properties of alloys based on intermetallic compound TiNi, 08069
ingot mill products, and castings, current industrial reports, 01846, 11318
low-temperature heat capacity and high-temperature enthalpy of TiAl3, 11630
mineral industry survey, quarterly, 02652
sustained-load cracking of titanium, 08169
Titusville, Fla.:
area wage survey, 04564
Tlatelolco, Inter-American Conference, *see* Inter-American Conference of Tlatelolco.
TNT, *see* Trinitrotoluol.
Toapanta, Rosa Ines, *see* D'Elia, Rosa Ines.
Tobacco:
acreage allotments, lease and transfer in disaster areas–
hearings, 06267
census of agriculture special reports, 04904
emergency allotment lease and transfer in Georgia and South Carolina–
law, 00097
flue-cured, market review, 1973 crop, 11288
foreign agriculture circulars, 02039
improving receiving of tobacco at auction warehouses, 05921
increase in market quotas–
hearings, 09045
light air-cured, tobacco market review, 00004
revenue rulings, etc., internal revenue bulletin cumulative, index-digest system, 01687
suspension of Public law 480 barter program for tobacco, 04081
tax guide, 02655
tobacco situation (periodical), 02653
tobacco stocks report, 02654
tobacco summary statistics, 04812
see also Cigars.
Todd County, S. Dak:
soil survey report, 11240
Togo:
background notes, 08232
Toledo, Ohio:
aircraft accident report, 05717
housing and urban development programs, oversight–
hearings, 03246
port, 09276
Tolerances (mechanics):
copper and copper base alloy mill products, Federal standard, 07813
tolerance limits for Maxwell distribution with emphasis on SEP (spherical probable error), 05747
tolerance limits for Rayleigh (radial normal) distribution with emphasis on CEP, 05746
Tolerances (physiology), *see* Stress (physiology).
Toluene:
toluene diisocyanate, occupational exposure, criteria for recommended standard, 08123
toluene occupational exposure, criteria for recommended standard, 08122
Toluene diisocyanate, *see* Toluene.
Tomalino, Joseph J.:
Intake, Mont., conveyance of land to–
hearings, 08491
Tomatoes:
census of agriculture, 07253
shelf life of tomatoes as affected by post harvest treatment and storage conditions, 04841
tomato transplants field production in Southern Georgia, research studies, 02819
Tomsk Polytechnical Institute:
radiation installations, 05534
Tones:
theoretical studies of tone noise from fan rotor, 04611
Tool steel:
evolution and improvement of tool steels, USSR study, 11002
Tools:
bending, cutting, and forming machines and tools, for secondary metal working, Federal working, Federal item identification guide, 03288
cutting tool for machine tools, Federal item identification guide, 05232
handles, Federal item identification guide, 05254
products and tools for cleaning, 03873
see also Kitchen utensils–Machine tools–Power tools.
Toombs County, Ga.:
soil survey report, 08847
Toote, Gloria E.A.:
nomination, hearing, 05121
TOPOEDIT, *see* Geography.
Topographic maps, *see* Maps and charts.
Topographic surveying, *see* Surveying.
Tornadoes:
buoyant tornado-probe concept incorporating inverted lifting device, 04621
preparedness planning, 09573
research for understanding, control and detection, hearings, 08441
schools in Kansas with tornado protection, Shawnee Mission Public Schools, district 512, 01061
Torpedoes:
theoretical principles, USSR study, 07915

Torque:
advanced torque measurement systems–
for helicopters, 06018
technique for aircraft turboshaft engines, 04875
characteristics, butterfly valve, Auburn Dam, 09601
Torres Islands:
journal of trip, 10301
Torsion, *see* Strains and stresses.
Tort claims, *see* Claims.
Tourism, *see* Tourist trade.
Tourist trade:
allocation of necessary energy sources to tourism, report, 09165
ALTA's VISIT USA fare and USTS (remarks), 04764
destination USA–
appendix, 03689
summary report, 03688
fuel crisis and effect on tourism (remarks), 06126
inclusive tour charter transportation–
hearings, 06377
inclusive tour charter trip, air carriers–
report, 03152
National tourism act of 1973–
hearings, 10764
promoting foreign tourism in United States (remarks), 11803
solving energy problem for U.S. tourism industry (remarks), 10484
tourism and energy crisis (remarks), 10901
travel industry and USTS' integrated marketing plan (remarks), 04763
United States travel, Canadian market, study, 11280
visit USA, stimulate tourism (remarks), 11802
Tourists:
our international visitors, 05821
see also Tourist trade–Visitors.
Tours, *see* Tourist trade.
Towels:
sheets, pillowcases and towels, current industrial reports, 11321
Towns, *see* Cities and towns.
Toxaphene:
status report, 10878
Toxicants, *see* Chemical analysis–Poisons.
Toxicity, *see* Poisons.
Toy Louie L. H.:
relief, 00881
Toys:
banned toy list, 07820
banned toys, 05385
Trace elements:
equilibrium studies, 08811
estimated contribution of jet aircraft operations to trace element concentration at or near airports, 09495
microwave-induced plasma spectrometer for trace analysis, 07753
trace metal water pollutants determined by X-ray fluorescence, 08173
Trace Fork:
flood plain information, 07690
Tracer studies:
catalytic oxidation of sulfur dioxide using isotopic tracers, 10834
treatment plants evaluation by tracer methods, 06048
Tracking:
discrete photoelectric tracking ystem with storage of error signal, USSR study, 01335
effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
performance, effects of alcohol during laboratory angular accelerations about yaw and pitch axes, 00047
relativistic effects in doppler tracking, 04707
Tracking stations:
tracking station, agreement with, Canada, 00688
Tractors:
current industrial reports, 01846
economics of industry, USSR study, 11571-2
Trade *see* Commerce Egypt Retail trade Wholesale trade.
Trade agreements, *see* Commercial treaties.
Trade centers:
trading post system on Navajo reservation, 10056
Trade marks, *see* Trademarks.
Trade Negotiations, Office of Special Representative, *see* Special Representative for Trade Negotiations, Office of.
Trade secrets:
interrelationships of patents, antitrust, and trade secrets (address), 11714
Trademarks:
act, amend–
hearing, 00150
report, 03017
inquiry and investigation, authorization and expenses, 03142
international treaties and legislation involving American patents and trademarks (address), 10369
official gazette of Patent Office, 02394
rules of practice, 04715
trademark examining procedure directive, 02657
Trades, *see* Occupations.
Tradition:
commemorative postage stamp, 10-cent (poster), 10481
world cultural and natural heritage, protection convention–
report, 00965
Traffic:
design manual for State traffic records systems, 00568-71, 01441-4, 04661
emergency medical services, crash injury management for traffic law enforcement officers–
course guide, 01448
instructor's lesson plans, 06943
student study guide, 01449
environmental considerations in highway design, location, construction and operation, 06606
rules of road rated, 01450
Saint Lawrence Seaway report, 10403
traffic law enforcement and adjudication data subsystem, standard data elements and coding, State traffic records systems design manual, 00569
traffic laws commentary, 01450
vehicle behavior in and around complex sources and related complex source characteristics, 07782-3, 08556-8
see also Air traffic–Traffic control–Traffic courts–Transportation.
Traffic control:
selective digital computer signal systems, 06609
studies, 03907

Traffic control–Con.
traffic assignment, methods, applications, products, 08564, 10030
traffic management regulation for personal property, Defense Dept., 06453
uniform construction for streets and highways manual–
construction and maintenance operations, 09302
school areas, 09301
see also Air traffic.
Traffic controllers, *see* Air traffic controllers.
Traffic courts:
traffic court judges, highway safety workshop–
participant's reference manual, 08119
trainer's manual, 06944
Traffic safety, *see* Safety of life.
Traffic signals, *see* Signal systems.
Trafficability:
sea ice terrain model and its application to surface vehicle trafficability, 07674
soils, coarse-grained, development of vehicle performance prediction equations and classification system, 10816
Trailers:
airdrop of supplies and equipment, rigging pole-type utility and bolster trailer, 05994
mobile home loan operating handbook, 05456
preparation of mobile homes for movement, guide, 04864
truck, current industrial reports, 01846
vehicles and trailers, Federal item identification guide, 08525
Trails:
national recreation trails, information and application procedure, 05751
Training:
agency training centers for government employees, 04956
Air Force training line simulator, 07152
apprentice, sure way to skilled craft, 11035
BLS pilot survey of training in industry, 09440
cardiology and manpower requirements, evaluation, 09532
developing reliable data on training in industry, 09441
Comprehensive employment and training act, fiscal activities guide, 11024
consmonaut training center and Zvezdnyy Gorodok described, USSR study, 05542
education and training for minority business enterprise, task force report, 09719
employment and training opportunities to unemployed and underemployed persons–
hearings, 07395
law, 06169
report, 04073, 04076, 09144
guidelines for staff development for State rehabilitation agencies, 00622
job performance aids and related training, 05966
making effective use of long-term training, guide for managers, supervisors, personnel and training officers, 03965
management information systems guide for prime sponsors under Comprehensive employment and training act, 11025
manpower training in Japan, 06808
model for training disadvantaged, Oak Ridge, Tenn., 03551
National Guard Bureau administrative instructions, 10282
needs in gerontology, hearings, 04183-4
opportunities in field of narcotic addiction and drug abuse, 01462
peculiarities of influence of training of different types on tolerance of human body to extreme heat exposure, USSR study, 11013
reaching out with new breed of worker, 09655
solid waste, ad hoc conference, 11719
student attitudes toward technical training, development of psychometric measures, 07141
student discussion guide, Office of Equal Employment Opportunity, 11578
technical reports, 05966
trainer's manual, highway safety workshop for traffic court judges, 06944
training for Federal quality control review, 04731
utility staffing and training for nuclear power, 04893
veterans special training allowance, increase rates, law, 10585
wastewater treatment plant operator, effectiveness evaluation of training conducted under PSC program, 11478
water pollution control manpower development and training activities, 08515
see also Education–Employee training–Job analysis–Naval education–Vocational education.
Training devices:
armament and operational training devices, Federal item identification guide, 08524
training support developments (periodical), 02659
Training of employees, *see* Employee training.
Training specialists:
JPA managers and training specialists, Air Force, 09673
Trains, *see* Railroads.
Trajectories:
ballistic mode Mercury orbiter mission opportunity handbook, 00546, 08711
inclusion of known integrals in optimal trajectory planar and nonplanar trajectory problem, 08078
optical observations of distant artificial space object trajectories, USSR study, 06781
vertical wind effects on tactical rockets and artillery shells, 04824
Tran, Nguong Thi:
relief, 00885
Transducers:
electroacoustic, scattering-matrix description and near-field measurements, 10270
Transfer functions:
bubble plume gas transfer, hypolimnion aeration with commercial oxygen, 09996
radiometer transfer function for AAFE composite two-frequency microwave radiometer scatterometer RADSCAT, 08027
Transfer of heat, *see* Heat transfer.
Transfer orbits (space flight), *see* Orbits.
Transfer trajectory, *see* Orbits.
Transformation (genetics):
prevent transformation of normal cells to cells capable of forming cancers, national cancer program, 04643
Transformation (metallic):
directional transformation in steel, texture behavior and martensite morphology, 06490
Transformation temperatures:
metallurgy of dilute mischmetal Mg alloys as observed in 40mm liners, 05730

Transformation temperatures -Con.
phase transformations and properties of alloys under high pressure, 03531
Transformations (mathematics):
infrared Fourier transform spectrometry of gas chromatography effluents, 09998
Laplace transform extended to Schwartz distributions, 11156
motion software transformations for synergistic six-degree-of-freedom motion base, 05618
some applications and limitations of fast Fourier transform, 11111
ten fast Fourier transform (FT) programs, evaluation, 03901
unsteady Mach reflections and Prandtl-Meyer supersonic flows, machine calculation, 05745
Transformers, *see* Electric transformers.
Transient reactor test facility, *see* Reactors (atomic).
Transient responses, *see* Responses.
Transients (electricity):
flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
Transistors:
microcircuits and field transistors, USSR study, 08659
twelve hundred to thirteen hundred MHz 100-watt transistor power amplifier, 10363
Transit systems, *see* Local transit.
Transition elements:
atomic transition probabilities, 05648
Transitions:
hypersonic boundary-layer transition and effects of wind-tunnel disturbances, 08728
Translations:
biological effects of magnetic fields, translations of USSR study, 10996
non-English material of potential interest to Environmental Protection Agency, selected list, 10858
technical, National Aeronautics and Space Administration, 00554, 03619-22, 06898-900, 08082-3, 08743, 09512, 10261, 11158
Transmission lines, *see* Electric lines.
Transmissions:
CH-54B main gearbox thermal mapping program, 07193
circumferential shaft seal for aircraft gear transmissions, improved, 06853
helicopter transmission housing applications, investigation of use of carbon composite materials, 06011
helicopter transmission modularization and maintainability analysis, 07195
information under water, USSR study, 08648
mechanical component failure prognosis study, 06014
miscellaneous transmission components, Federal item identification guide, 06439
on-condition maintenance for helicopter transmissions, analysis of criteria, 06020
signal transmission and delivery between head-end and subscriber terminals for broadband cable teleservices, survey, 03985
thermal mapping, CH-47 C forward rotor transmission, 00744
thermal mapping, main rotor transmission of helicopter, 08293
transmission chain, Federal item identification guide, 09974
transmission consisting of rolled wire worm and spiral evolute gear, USSR study, 08654
transmission study for turbine and Rankine cycle engines, 03884
use of magnetically encoded cards and digital transmission in land mobile services, 03987
Transmittances:
development of range squared and off-gating modifications for lidar system, 06561
Transonic flow, *see* Flow.
Transonic rotors, *see* Rotors.
Transonic speed, *see* Air speed.
Transparent materials:
Army helicopter transparent enclosures, development of design, test, and acceptance criteria, 07186
design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
Transport aircraft, *see* Aircraft.
Transport airplanes, *see* Airplanes.
Transport equations, *see* Equations of motion.
Transport properties:
thermodynamic and transport properties of air and its products of combustion with ASTM-A-1 fuel and natural gas, 05633
thermotransport in liquid aluminum-copper alloys, 01414
WASP, flexible FORTRAN IV computer code for calculating water and steam properties, 05623
Transportation:
aeronautical and space systems, equipment and associated components, requirements, 01415
American ground transport, proposal for restructuring automobile, truck, bus, and rail industries, 08497
and new energy policies, hearings, 08510
arranging transportation for small shipments, 03486
census-
national travel survey, 00765
publication program, 04913
truck inventory and use survey, 04914, 10535
civilian personnel, temporary duty, general information, etc., 07593
code of Federal regulations, 03355-7, 05368, 10044
commodity transportation survey, expansion project, feasibility studies, methodologies and findings, 06079
comparative costs of supplying low-sulfur fuels to midwestern and eastern domestic energy markets, 06831
cooperation in transportation, agreement with Union of Soviet Socialist Republics, 00671
creating transportation safety environment (address), 10352
economics, monthly comment, 02683
Energy transportation security act-
hearings, 07439
report, 08370, 08375
environmental survey of transportation of radioactive materials to and from nuclear power plaints, 00752
federally coordinated program of research and development in highway transportation, 00364, 01201
Hazardous materials transportation control act, amend, law, 00103
highway and urban mass transportation, 02089

Transportation–Con.
immovable feast–
crisis in rural transportation, 06360
transportation, energy crisis, and rising food prices for consumer, 05108
impact of Alaska pipeline on transportation and economy (remarks), 11506
impacts of transportation control strategies on Los Angeles air quality, 00329
implementation of controls for Federal clean air standards–
hearings, 08511
implementation of controls to alleviate air pollution–
hearings, 10792
implementation of controls under Clean air act–
hearings, 09963
improving Nation's transportation, proposals, 09017
in-depth study reports from world survey of current research and development on roads and road transport, 00366
innovations in new communities abroad, 06724
mail, hearings, 05080
marketing and transportation situation, 02278
military transportation management journal, translog (periodical), 02682
MILSTAMP guidance manual, 05995
MILSTEP, military supply and transportation evaluation procedures, military standard logistics data system, 05263
MTMTS port handling billing rates, 03908
national transportation policy–
hearings, 08379
planning and priorities for Seventies–
hearings, 10794-5
planning data for urbanized areas based on 1970 census, summary, 03339
preparation of mobile homes for movement, guide, 04864
quiet turbofan STOL aircraft for short-haul transportation, 08029-30
radioactive materials, packagings for transportation, directory, 06066
science and transport, new and old forms of transportation, USSR study, 05539
shipping high-level nuclear wastes, everything you always wanted to know, 06061
space missions, payloads, and traffic for space shuttle era, hearings, 06352
statistics in United States, 03488-9, 07904, 10150
Surface transportation act, analysis, 10706
tax information on moving expenses, 05483
transit authority's system of reporting on status of METRO's costs and construction progress needs to be improved, GAO report, 10938
transportation and new energy policies–
hearings, 08510, 10791
transportation controls under Clean air act, 00146
Transportation improvement act, analysis, 10706
transportation in rural America, interim report for farm produce, etc., 09184
transportation of hazardous materials by air, hearings, 00936
transportation in rural areas, people, transit needs, operations, and management, 09185
transportation topics for consumers from Office of Consumer Affairs, 02684
urban, dilemmas at time of decision, 00158
utility, airports, air access to national transportation, 05344
weekly Government abstracts, 02779
see also Air carriers–Automobiles–Freight rates–High-speed ground transportation–Railroads–Roads and highways–Travel.
Transportation Department:
annual report, 01062
urban mass transportation, emergency grants to assure adequate commuter service in urban areas, report, 09034
appropriations, 1974–
law, 06194
supplemental, hearings, 06367
supplemental, proposal, 06216
appropriations, 1975–
energy research and development, report, 08371
hearings, 08379, 09806
report, 10674
Assistant Secretary for Policy, Plans, and International Affairs, nomination of Robert H. Binder, hearings, 09195
DOT TST series, 07084
General Counsel, nomination of Rodney E. Eyster, hearings, 09195
highways to skyways, study of contract compliance programs for civil rights, 00794
press releases, 02491
special bridge replacement program, annual report, 09965
telephone directory, 01875
Under Secretary, nomination of John W. Barnum, hearings, 01023
Transportation of persons, *see* Travel.
Transportation Systems Center:
special briefing, proceedings, 11273
Transylvania County, N.C.:
soil survey report, 10433
Trapping:
hydrogen atoms in X-irradiated salts at room temperature and decay kinetics, 08056
Traps, *see* Insect traps.
Trauma, *see* Injuries.
Travel:
air shuttle, international, proposals, hearings, 09186
air travel clubs using large aircraft, certification and operations, Federal aviation regulations, 01948
airport access study, impact of airport-oriented vehicle trips on highway facilities, 00361
Canadian market for United States travel, study, 11280
census of transportation, national travel survey, 00765
civilian personnel, temporary duty, general information, etc., 07593
destination USA, 03688-9
expenses for certain crewmembers whose ships are inactivated away from home–
hearings, 09053, 11393
law, 04019
report, 03050, 03228
foreign visitor travel to United States can be increased, GAO report, 04457
gas mileage, 1974 guide for car and light-duty truck buyers by manufacturer and model, 04387, 05334
gasoline, more miles per gallon, 07085
international air travel by Government officials, economy and efficiency–
hearing, 00932
report, 03058

Travel–Con.
International travel act, amend–
law, 06161
report, 04067, 04125
international travel by residents of foreign countries, market analysis, 02628
international travel to U.S., summary and analysis, 02628
joint regulations–
Defense Department civilian personnel, 02192, 06451
uniformed services, 02191, 07634
journey to work, 03938
miles per gallon, guide for new car buyers, 04386
MTMTS port handling billing rates, 03908
passenger, between U.S. and foreign countries, reports, 02146, 03434, 09372
promoting foreign tourism in United States (remarks), 11803
restrict travel of U.S. citizens to countries in armed conflict with United States–
hearing, 01035
Shepherd, Banks and Torres Islands, Espiritu Santo and Efate in New Hebrides, journal of trip, 10301
Statewide travel demand forecasting studies, 09300
travel during 1972, national travel survey, 00765
travel industry and USTS' integrated marketing plan (remarks), 04763
travel patterns of foreign visitor arrivals, 07091
visit USA, stimulate tourism (remarks), 11802
within United States, transfer to Secretary of Commerce functions of Secretary of Interior relating to encouraging, promoting, and developing travel, hearings, 04125
youth travel abroad, what to know before you go, 09618
Travel agents:
registration to operate travel agency–
report, 03188
Traveler's checks:
abandoned, disposition among States–
report, 03224
Travelers:
international travelers to U.S., statistics on visitor arrivals, by residents of foreign countries, 09649
young Americans, drug arrests abroad, notice, 10440
Traverses, *see* Surveying.
Trawling, *see* Trawls and trawling.
Trawls and trawling, Lake Erie bottom trawl explorations, 09554
Treasure maps, *see* Maps and charts.
Treasury:
daily statement, 01856
foreign exchange operations, 01225
Treasury bonds, *see* Bonds of United States.
Treasury certificates of indebtedness:
five percent, R.E.A. series, 10476
U.S. Treasury certificates of indebtedness, regulations, 01587
Treasury Department:
annual report, statistical appendix–
departmental edition, 05888
document edition, 06212
annual report–
departmental edition, 03805
document edition, 02957
appropriations, 1974–
amendments, proposal, 06209
law, 04987, 06194
report, 00910, 03035, 05035, 09139, 09756, 09758
supplemental, hearings, 06366
supplemental, proposal, 06216
appropriations, 1975–
hearings, 09816, 10684-5
Assistant General Counsel, nomination of Meade Whitaker, hearings, 11433
bulletin, 02685
customs bulletin, bound volume, 11797
customs bulletin, weekly, 01852
department circulars, public debt series, 00705, 03806-11, 07086, 08258-9, 08872, 10475-6, 11275-7
Federal Trade Commission staff report on its investigation of petroleum industry, July 2,1973, staff analysis, 05140
foreign exchange operations, 06632, 10920
press releases, 02492
revenue sharing, its use by and impact on local governments, GAO report, 10083
sale of U.S. obligations directly to Federal reserve banks, extend authority–
law, 00842
report, 03132, 03187
Secretary and Assistant Secretary, nominations of William E. Simon and David R. MacDonald–
hearings, 09927
selling to Department of Treasury, 11279
telephone directory, 02686
Treasury notes:
United States treasury notes–
series A-1981, 08259
series C-1977, 08258
series H-1976, 08872
State and local government series, regulations, 01587
7 percent, series C-1979, 03810
7 percent, series H-1975, 03809
7 3/4 percent series B-1977, 00705
8 3/4 percent, series C-1978, 11276
8 3/4 percent, series I-1976, 11275
8 3/8 percent series G-1975, 03808
Treaties:
certification required to obtain reduced rates, under income tax treaties, 04508
international treaties and legislation involving American patents and trademarks (address), 10369
telecommunications, OT report, 07333
treaties and other international acts series, 00665-97, 01567-81, 02687, 03771-85, 04747-9, 05826-56, 07052-61, 08235-8, 09623, 10441-3, 11778-81
treaties and other international agreements, 01582, 03786, 07062
treaty on extradition with Denmark, 08447
see also Extradition-Patents.
Tree planting:
tree planters' notes, 02688
see also Forest planting.
Trees:
air pollution damages, 00391
estimating slash fuel loading for several Lake States tree species, 00412
moments of inertia of trees and boles, theoretical methods of estimating, 08592
more usable dead or damaged trees should be salvaged to help meet timber demand, GAO report, 01247
provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417

Trees–Con.
retracement and evidence of public land surveys, 07836
shade trees, selecting and growing, 03852
trees for polluted air, 04786
two-cell chamber for measuring gas exchange in tree seedlings, 06652
see also Fruit trees–Hardwoods.
Trials:
military justice, trial procedure, 04857
speedy trials for persons charged with criminal offenses, hearings, 00231
Triangulation:
solution of elongated object in space, derivation of formulas for root-mean-square errors, 11123
triangulation of multistation camera data to locate curved line in space, 11131
Trias, Jose A.:
relief, 00888, 02921
Triassic period:
Auld Lang Syne Group of late Triassic and Jurassic (?) age, north-central Nevada, 06698
Triaxial equipment:
tensile strength of ice under triaxial stresses, 07673
Trichloroethylene:
occupational exposure, criteria for recommended standard, 08124
Trichlorophenoxy propionic acid:
irrigation in sugarbeets, soybeans, and corn, responses and residues, 05955
Trickling filters, *see* Filters and filtration.
Trimble, James W., Dam, *see* James W. Trimble Dam.
Trinidad and Tobago:
technical assistance in tax administration, agreement, 08236
Trinidad Project, *see* Project Trinidad.
Trinidad, Colo.:
Trinidad Wastewater Treatment Facility, technical assistance project, 10869
Trinitrotoluol:
vapor impurities from TNT, exploratory analysis, 05300
Trione, Henry F.:
nomination, hearings, 09193
Trips, *see* Travel.
Tritium:
control technology, 06062
Troops, *see* Armed Forces.
Tropical Forestry Institute:
annual report, 10931
list of publications available, 10932
Trotters Shoals Dam and Lake:
change name to Richard B. Russell Dam and Lake–
law, 04002
report, 03031, 09140
Trousers:
men's, Globe Corporation, Tariff Commission report, 07078-9
Trout:
improvement of trout streams in Wisconsin by augmenting low flows with ground water, 05438
Trout Creek:
flood plain information, Aptos, Calif., Santa Cruz County, Calif., 01112
Troy, N.Y.:
area wage survey, 01353
Mohawk-Hudson area survey, report, 01549
Truck drivers, *see* Motortruck drivers.
Truck trailers, *see* Trailers.
Truckee River:
water quality data from Truckee and Carson Rivers, Pyramid Lake, and Lahontan Reservoir, working paper, 08559
Trucks, *see* Motortrucks.
Truk:
synoptic meteorological observations, 11711
Truman, Harry S.:
memorial services, 08351
Trust funds, *see* Trusts and trustees.
Trust Territory of Pacific Islands:
appropriations, increase, hearings, 04211
claims for damages in World War II, enlarge class of persons eligible to receive benefits–
hearings, 01033
law, 02951
report, 03159
continuance of civil government–
law, 04983
continue civil government, increase–
hearing, 04211
exempt from longshoremen strike or lockout, report, 11432
mineral industry, minerals yearbook chapter, 07983
shipping between Hawaii, Guam, American Samoa, or Trust Territory of Pacific Islands, prevent interruption–
hearings, 06376
Trusts (industrial):
anti-trust activities, reform of Federal criminal laws–
hearings, 07547
antitrust and monopoly activities–
report, 03236
consent decree bills–
hearings, 07430
Federal Trade Commission's application of antitrust laws to big business exploitation of energy crisis in misleading advertising (address), 08578, 10051
international antitrust policy and American economic interests (address), 10052
interrelationships of patents, antitrust, and trade secrets (address), 11714
see also Competition.
Trusts and trustees:
airport and airways, annual report on financial condition of trust funds, 09018
energy trust fund, energy taxation study, 07455
highway trust fund, financial condition and operations, annual report, 09747
joint labor management trust funds for legal services–
authorize law, 00105
legislative history, 09949
nation's 25 largest bank trust departments, financial activities, 07490
transfer of trust funds to Philippines for making payments on pre-1934 bonds–
report, 03219
see also Fiduciaries.
Truth in lending, *see* Credit.
TRW Systems Group:
NASA-TRW via high-velocity-oxidation performance of coatings on IN-100 and VIA nickel alloys, 09505
Redondo Beach, Calif., NASA-TRW VIA, B-1900, 713C, and 738X, isothermal and cyclic of 4 nickel-base refractory metal alloys, 06888
Tse-tung, Mao, *see* Mao, Tse-tung.

Tsingtao, China:
synoptic meteorological observations, 11706
TSUSA (tariff schedules of United States annotated), *see* Tariff.
Tuberculosis:
infectious diseases research, 08129
programs, 1971, reports, 07293
programs, 1970, reports, 07292
project years, 1961-1969, program reports, 07291
States and cities, statistics, 06099
Tubes:
acoustically lined ejector technology development for multitube jet noise suppressor nozzles by model tests, 11086
corrugated plastic drainage tubing, structural design procedure for, 05953
design calculations for Halon 1301 distribution tube for aircraft cabin fire extinguishing systems, 09627
development of range squared and off-gating modifications for lidar system, 06561
fabrication of clad tube for fast reactor fuels, 09693
hose, pipe and tube fittings, Federal item identification guide, 00265-6, 04284
metallic, Federal item identification guide, 05206
powerful relativistic defense tubular electron fluxes, gyromagnetic compression, USSR study, 01340
quick disconnect and self-sealing, Federal item identification guide, 05220
shipments of thermoplastics pipe, tube, and fittings, current industrial reports, 01846, 04922
thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
tube specialities, Federal item identification guide, 06446
tubes and tubing assemblies, Federal item identification guide, 09251
U-tube aeration, 06567
see also Electron tubes–Microwave tubes.
Tubing, *see* Tubes.
Tubular structures, *see* Tubes.
Tucson, Ariz.:
Tucson basin–
geohydrology and water resources, 08619
water resources (series), 08619
Tuff, *see* Volcanic ash, tuff, etc..
Tulare, Calif.:
water temperatures of streams, 09346
Tulare County, Calif.:
ground-water pumpage, 07850
Tule Elk National Wildlife Refuge:
establish, hearings, 08424
Tuliptree:
effect of defoliation on carbohydrate content of yellow-poplar seedlings, 06653
planted yellow-poplar seedlings, effect of calcium cyanamide on growth and nutrition, 06665
Tumors:
scanning coding index, 02855
see also Oncology.
Tuna fish:
oversight, hearings, 04135
Tung nuts:
price support, continue–
law, 06182
Tungsten:
factors affecting miniature Izod impact strength of tungsten-fiber-metal-matrix composites, 06874
investigation of mutual diffusion, USSR study, 03508
mineral industry survey, 02690, 10199
minerals yearbook chapter, 11628
thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
thermionic performance of variable-gap cesium diminiode with 110-single crystal tungsten emitter and polycrystalline-niobium collector, 11098
Tunisia:
agricultural commodities, agreement, 00684
background notes, 00663
economic trends and their implications for United States, 07900
Tunneling:
machine research, development of experimental full-scale research rock cutting device, 05597
Tunnels:
Langley Mach 10 high Reynolds number helium tunnel, operating characteristics, 11099
Langley 8-foot high-temperature structures tunnel, loading and heating of large flat plate at Mach 7, 01404
proposed heat-transfer tunnels for small turbine vanes, water-table tests, 11110
see also Expansions tubes-Harold D. Roberts Tunnel-Shock tunnels.
Turbine blades, *see* Blades.
Turbine fans:
acoustic suppressors for fans of high bypass turbofan engines, 08026
noise and wake structure measurements in subsonic tip speed fan, 04606
Turbine fuel:
aviation turbine fuels, 1973, 10187
turbine engine fuel control reliability and maintainability, analysis, 04879
Turbines:
advanced small, high-temperature-rise combustor for gas turbine engines, 10515
advanced, small, high-temperature-rise-gasturboshaft engine combustor program, 09687
adverse effect of film cooling on suction surface of turbine vane, 08742
automotive gas turbine economic analysis, investment cast turbine wheel, 08542
automotive gas turbine optimum configuration study, 03881
cold-air investigation of turbine for high-temperature-engine application, 11663
cooled turbine vanes, cold-air annular-cascade investigation of aerodynamic performance, 08747
crossflow effects on impingement cooling of turbine vane, 08724
dynamic oxidation of gas turbine superalloys, effect of cyclic conditions, 10248
engines, turbines, and components, Federal item identification guide, 05236
experimental investigation of 4 1/2-stage turbine with very high stage loading factor, turbine performance, 08034
feasibility of tapered roller bearings for mainshaft engine applications, 06017
FORTRAN program for calculating velocities and streamlines on hub-shroud midchannel flow surface of axial- or mixed-flow turbomachine, 09500
gas turbine combustor T 53 and T 55 and engine emission measurements, 10513
gas turbine materials conference proceedings, 11701

Turbines - Con.
gas turbines today and tommorrow, USSR study, 07928
hydraulic turbine index tests, 10396
inlet-air humidity, temperature, pressure, and reference Mach number on formation of oxides of nitrogen in gas turbine combustor, effect, 05625
low pollution power systems development for gas turbine engine, 01176
rapid deployment, redeployment, and retrograde, procedures, engines, turbines, and components, 06008
research turbine for high-temperature core engine application, 10255
small turbine vanes, water-table tests of proposed heat-transfer tunnels, 11110
surface combustion concepts for NOx control in utility boilers and stationary gas turbines, investigation, 00332
transient turbine vane temperatures in cascade for gas stream temperature, 11653
transmission study for turbine and Rankine cycle engines, 03884
turbine vane, pressure-loss and flow coefficients, 10226
two-stage turbine performance as affected by variable stator area, 11663
see also Engines (aircraft).
Turboalternators:
hydrazine-driven emergency power generator, simulation, 06489
Turbofan engines, *see* Engines (aircraft).
Turbojet engines, *see* Engines (aircraft).
Turbomachines, *see* Turbines.
Turbopumps:
three bladed rocket pump inducer, investigations of 3 dimensional flow characteristics, 03579
Turbulence:
autopilot, effects on airplane responses to atmospheric turbulence with emphasis on tail loads, 09499
big eddies and mixing processes in Great Lakes, 05318
computed lateral power spectral density response of airplanes to random atmospheric turbulence, 09501
conically diffused flow with nearly separated boundary layer turbulence measurement, 06889
critical nondimensional parameters in aircraft dynamic response to atmospheric turbulence, determination, 08033
data from rivers, conveyance channels, and laboratory flumes, summary, 06706
development and preliminary application of an invariant coupled diffusion and chemistry model, 01390
dispersion of mine dust in channel by turbulent gas streams, 09473
laser Doppler velocimeter turbulence measurements in pipe flow, 08714
log-intensity correlations of laser beam in turbulent medium, 04829
lower layers of marine boundary layer, aircraft investigation, 10326
modeling of turbulent transport in surface layer, 03601
principles and measuring techniques of turbulence characteristics in open-channel flows, turbulence in water, 00438
Turbulent boundary layer, *see* Boundary layer.
Turbulent flow, *see* Flow.
Turkey:
Ataturk and Turkey, 1919-38, bibliography, 10166
economic trends and their implications for United States, 00476, 06749
foreign trade regulations, 05268
vessels, termination of, agreement, 05829
Turkey Creek:
floods, 11472
Turkeys:
eviscerating turkeys, methods and equipment, 04783
inventory, 09626
national improvement plan, hatcheries, dealers, and independent flocks, 05916-7
number raised, 01584, 07066
production, etc., monthly report, 01900
wild turkeys in Alabama, land management, 05801
Turkish language:
reference aid, abbreviations, acronyms and special terms in Turkish press, 10995
Turks Island:
economic trends and their implications for United States, 00482
Turni, Antonello:
relief, 00893, 02919
Turni, Bruna:
relief, 00893, 02919
Turni, Burna, and family:
relief, 04162
Turni, Graziella:
relief, 00893, 02919
Turnkey program, *see* Housing.
Turnover of labor, *see* Labor turnover.
Tuscarawas County, Ohio:
flood plain information, 07697
Tuscarawas River:
flood plain information, 07697
Tuskegee Institute National Historical Park:
establish, report, 06337
Tuskegee Syphilis Study Ad Hoc Advisory Panel:
final report, 11726
Tuttle Creek Reservoir:
biological investigations, 09316
TV, *see* Television.
TVA, *see* Tennessee Valley Authority.
Two, four, five-T, *see* Phenoxy herbicides.
Tyler, Tex.:
flood plain information, 06501
Tyndall, Bruce E.:
relief, 11379
Tyndall, Donald L.:
relief, 11379
Tyndall, Kimberly F.:
relief, 11379
Tyndall, Lisa M.:
relief, 11379
Typewriters:
and office composing machines, Federal item identification guide, 05216
current industrial reports, 01846
see also Ribbons for typewriters, etc..
Typhoons:
facilities in areas subject to typhoons, design criteria, 04868
Typists:
employment opportunities, 03963
shopping for a future?, 06731

U

U.N., *see* United Nations.

U.S.S.R., *see* Union of Soviet Socialist Republics.
U-25, *see* Power plants.
UCLA, *see* University of California at Los Angeles.
Uganda:
background notes, 11249
economic trends and their implications for United States, 04536
Ugast, Fred B.:
nomination–
hearings, 04196
UH-1, *see* Rotors.
UHF, *see* Ultrahigh frequency.
Uinta Formation:
eastern Uinta basin, Utah, revision of nomenclature, 08610
Ultrahigh frequency:
UHF-therapy dosimetry procedures, USSR latest developments, 03520
Ultrasonic waves, *see* Sound.
Ultrasonics, *see* Sound.
Ultrasound, *see* Sound.
Ultraviolet rays:
ultraviolet-optical facility telescope, opportunities for participation in definition of one meter class for spacelab astronomy missions, 11081
Ultraviolet spectrum, *see* Spectra.
Umpqua River:
flood profiles in Umpqua River basin, Oreg., 10944
UN, *see* United Nations.
Un-American activities:
Subversive activities control act, amend–
hearings, 00139, 09839
Underdeveloped areas:
Africa, crisis of development and interdependence–
hearings, 10695
challenges of interdependence (address), 11772
economic development (periodical), 01896
improving marketing systems in developing countries, 07653
Undergraduates, *see* Students.
Underground mining, *see* Mines and mining.
Underwater research, *see* Hydrooptics–Oceanography.
Underwater sound, *see* Sound.
Underwear:
knit, current industrial reports, 01847
Underwriting, *see* Insurance–Mortgage insurance.
Unemployed:
area trends in employment and unemployment, 01654
geographic profile of employment and unemployment, 01362
labor surplus area, procurement and subcontracting to small business–
hearings, 07577
lowering permanent rate of unemployment, 00115
persons not employed, census of population, 00056
reemployment assistance for engineers, scientists, and technicians unemployed because of aerospace and defense cutbacks, GAO review, 06693
unemployment among agricultural workers in Hawaii–
hearings, 09064
see Employment.
Unemployment, *see* Unemployed.
Unemployment compensation, *see* Unemployment insurance.
Unemployment insurance:
benefit series service, 01676
benefits extended again, 00637
benefits extended for 3 months, 08843
claims (periodical), 02708
comparison of State unemployment insurance laws, 05889
compensation for unemployment related to energy crisis–
hearings, 07488
local offices, directory, 09449
on financial protection for Federal employees, 08322
program, Railroad Retirement Board, benefit statistics, monthly, 02308
properly designed for administration proposal to tide individuals over unemployment period, 09862
Railroad act, text as amended, 07015
railroad retirement and unemployment insurance systems, informational conference handbook, 00609
State laws and experience, 05890
State laws, comparison, revised series, 01591
State laws, employment and wages of workers covered, quarterly summary, 01906
unemployment benefits for railroad employees, 00616
unemployment compensation staff data and materials, 07492
unemployment insurance statistics, 02709
Uniform State Laws, National Conference of Commissioners on, *see* National Conference of Commissioners on Uniform State Laws.
Uniformed services, *see* Armed Forces.
Uniforms:
Navy regulations, 00601
Union of Soviet Socialist Republics:
Academy of Medical Sciences vestnik (periodical), 02733
Academy of Sciences, president recounts 1973 achievements, 07912
Academy of Sciences vestnik (periodical), 02734
agricultural situation, review of 1973 and outlook for 1974, 00453
agriculture in United States and Soviet Union, 04342
agriculture, translations, 02674
air transport services, agreement, 00676
all-Union conferences and congresses–
pharmacology of antiradiation preparations, 07223
radio day scientific meeting, 09428-9
random processes and fields, methods of representation and machine analysis, 08673
school seminar on hydroacoustics, 08672
scientific meeting on Radio Day, cybernetics, bionics, and engineering psychology, 01338
statistical hydroacoustics seminar, 09403, 09415
all-Union state standard GOST, 05512
antarctic expedition, bulletin, selected translations, 07926
Armed Forces finance services during war, USSR study, 09387-8
Arms Limitation Standing Consultative Commission–
regulations, protocol with regulations, 00666

Union of Soviet Socialist Republics–Con.
atomic energy, scientific and technical cooperation of peaceful uses–agreement, 00674
automatic flight control devices on first Soviet rockets, 06791
civil aviation in USSR (50th anniversary of its formation), 10261
communications, herald (periodical), 02086
Communist Party, USA, defender of Soviet Anti-Semitism–hearings, 08406
cooperation in studies of world ocean, agreement, 05836
cooperation in transportation, agreement, 00671
cotton production in Soviet Union, 01236
critical path planning in navy, 06782
cultural relations, agreement, 00670
economic affairs, translations, 02675
economic outlook–hearings, 06206
economic prospects for the seventies, joint committee print, print additional copies–report, 03042, 09145
epidemiologic characteristics of morbidity in USSR population, 05508
European reactions to Soviet-United States detente, 00217
fisheries, middle Atlantic Ocean, western areas, agreement, 00678
foreign relations, U.S.–departmental edition, 08233
document edition, 07368
future and past Soviet and American space technology, USSR study, 03524
grain transactions secrecy, investigation–hearings, 00224
industrial affairs, translations, 02676
JPRS series, 02680
Kazakh Academy of Sciences, activities in 1972, USSR study, 04548
limitation of strategic offensive arms, basic principles of negotiations–agreement, 00672
livestock feed balances for USSR, 01084
means of measuring naval power with special reference to U.S. and Soviet activities in Indian Ocean, 09831
machine diagnosis and information retrieval in medicine, 01321
military affairs, translations, 02677
offensive, Soviet view, 03888
political and sociological affairs, translations, 02678
prevention of incidents on and over high seas, agreement, 05831
prevention of nuclear war, agreement, 00673
research and development, collaboration, 09117
resources, translations, 02679
Russian grain transactions secrecy, investigation–hearings, 00224, 06393
scientific abstracts, 02722-8
Soviet disarmament propaganda and strange case of Marshall Grechko, 09945
Soviet medicine,, 00493
Soviet military thought series, 08282-3
Soviet public health (USSR periodical), 02604
trade and services, translations, 02680
trade policy resolution, expansion of commerce in goods and services–report, 03139
trading, 07640
role of industrial property rights protection (remarks), 07335
US-USSR advanced technology transfer–hearings, 11404
US-USSR chamber of commerce, protocol, 00675
US-USSR Joint Symposium on Congenital Heart Disease, proceedings, 08115
US-USSR technology exchange, conditions for successful program (remarks), 07337
US-USSR technology licensing prospects, 00812
US-USSR technology rights protection, role of industrial property rights protection (remarks), 07335
US-USSR technology transfers, observations (remarks), 08327
USSR State prizes for 1973, 05545
underwater technology, some Soviet examples, USSR study, 11564
unified computer system of Socialist countries, 05507
Union Pacific Railroad Company:
accident investigation summary report, 01542
employee accident investigation report, 11224
Union wages, *see* Wages.
Unions, *see* Credit unions–Labor unions.
United Air Lines, Inc.:
aircraft accident report, 01499
United Arab Republic (Egypt):
mineral industry, minerals yearbook chapter, 11609
United Kingdom, *see* Great Britain.
United Nations:
achievements and problems, 07049
ambassador, nomination of John S. Scali–hearings, 09209
environment program, U.S. participation–law, 04029
report, 03086, 03231
expendable or indispensable?–report, 07404
General Assembly–28th annual meeting, U.S. positions stated, 10439
human rights in world community, call for U.S. leadership, 08389
more power to United Nations, should nations cede some sovereignty, essay winners–hearings, 00929
Participation act,amend–hearings, 00219, 06299
report, 03169
peacekeeping in Middle East–hearings, 07403
urgent need for increased U.S. commitment, 01029
United Nations Association:
essay winners, hearings, 00929
United Shoes Workers of America:
wage chronology–Massachusetts shoe manufacturers, 06804
United States:
becoming a citizen series–our Government, 01296
confidence and concern, citizens view American Government, survey of public attitudes, 04204-5, 05135, 07504
Our American Government, what is it, how does it work? revised edition, print as House document, report, 02971
pocket data book, USA 1973–departmental edition, 07284
document edition, 08350

United States–Con.
state of the Union message from the President of United States, 00849
statistical abstract–
departmental edition, 02880
document edition, 02960
supplement, 02881
United States Amateur Sports Board:
establish–
hearings, 07484
report, 03149
United States Capitol Historical Society:
gift of sound and light performance system for east front of National Capitol, feasibility study–
hearings, 08429
law, 06183
report, 03099, 06338
wall calendars for use by Senate, authorization–
report, 10738
United States Courts, *see Courts of United States*
United States Export Development Credit Fund:
establish, 00927
United States Fish and Wildlife Service:
create–
report, 07380
United States Information Agency:
appropriations 1974–
authorize law, 04017
authorize, report, 02967, 02997, 03010, 03021 03216
hearings, 00198
report, 06229
supplemental, 07458, 10599
veto message, 04154
appropriations 1975–
authorize, hearings, 09212
hearings, 09835, 10679
Deputy Director, nomination of Eugene P. Kopp–
hearings, 09209
Director, nomination of James Keogh–
hearings, 09209
field staff, Foreign Service list, 02046
magazine reprint MR series, 02266
United States magistrates:
proposed rules of evidence for use before magistrates–
hearings, 00147
United States National Committee on Vital and Health Statistics:
annual report, 05650
United States Postal Service:
activities during 1st session of 93d Congress–
summary of observations and recommendations, 09854
appropriations, 1974–
law, 04987
report, 00910, 03035, 09139
supplemental, hearings, 06366
supplemental, proposal, 06216
appropriations, 1975–
hearings, 09816
Board of Governors, nomination of Robert H. Robertson–
hearings, 10789
briefings by Postmaster General–
hearings, 00154
postal contracting manual, 00707, 02441, 03824, 10483
postal oversight–
hearings, 05175, 07569-70
postal service manual, 02443, 11798-801
poster–
commemorative stamp series, 01783, 03815-21, 05891-8, 08875, 09647, 10478-82
press releases–
construction release, 02493
feature, 02493
general, 02493
PFR series, 02493
philatelic release, 02493
procurement and supply handbook, 03825
status in western region–
hearings, 05079
supervisors–
arbitration board to settle disputes with establish, 04137
hearings, 04137
United States Railway Association:
appropriations, 1974–
law, 06194
establish–
law, 06191
United States Soldier's Home, *see* United States Soldiers' and Airmen's Home.
United States Soldiers' and Airmen's Home:
appropriations, 1974–
hearings, 05113
increase interest paid on permanent fund–
hearings, 09819
law, 04028
report, 03232
United States Steel Corporation:
wage chronology, 11583
United States Tax Court:
appropriations, 1974–
law, 04987
report, 00910, 03035, 09139
appropriations, 1975–
hearings, 10685
United States Travel Service:
foreign visitor travel to United States can be increased, GAO report, 04457
oversight–
hearings, 00208
poster, 09651
press releases, 02455
travel industry and USTS' integrated marketing plan (remarks), 04763
United Steelworkers of America:
wage chronology, 11583-4
Universal City, Tex.:
floods on Cibolo Creek, Universal City and Schertz, Tex., how to avoid damage, 00313
Universities, *see* Colleges and universities.
University of California at Los Angeles:
health sciences computing facility, 08138
Unlading and lading:
active arm external load stabilization system for cargo handling helicopters, design, fabrication, and flight test, 07190
failure analysis of helicopter external cargo-handling systems, 00040
fresh fruit and vegetable unloads FVUS series, 09656-60
fresh fruit and vegetable unloads–
eastern cities, 09656
midwestern cities, etc., 09657
southern cities, 09658
totals in 41 cities, 09660
western cities, 09659
load-carrying capability of running skyline, computer program for determining, 08599, 10072
Unloading, *see* Unlading and lading.

564-800 O - 75 - 31

Upholstery:
upholsterer's regulators and regulating needles and pins, duty elimination–report, 09781
Upper Great Lake Regional Commission:
press releases, 02494
Upper mantle, *see* Earth.
Upper Missouri River Basin Commission:
annual report, 09024
Upper South Platte unit, *see* Pick-Sloan Missouri Basin program.
Upper White Oak Creek:
special flood hazard information, 07710
Uranium:
activated carbon canisters for radon protection in uranium mines, evaluation, 09700
environmental analysis of uranium fuel cycle, 05762-4
fabrication in France of plutonium and enriched uranium fast reactor cores, 07204
future structure of uranium enrichment industry–
hearings, 02956, 06199
improvement needed in program for protection of special nuclear material,, 06684
isotopic composition, determination, 02844
losses with steel, during decontamination of reactors, USSR study, 09397
mineral industry surveys, 11078
minerals yearbook chapter, 08704
new enrichment plant scheduling, 06047
pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, interlaboratory comparison evaluation, 06044
uranium enrichment activity, financial statements supplementing AEC's financial report, 07243
uranium fuel cycle, environmental survey, 10526
Uranium dioxide:
electrical heating tests of uranium dioxide external fuel configuration at emitter temperature of 1900 K, 08721
Uranium hexafluoride:
thermodynamic properties of UF6 at high temperatures, 08039
Uranium isotopes:
U-235, amend EURATOM cooperation act to increase quantity that can be transferred to Community–
hearings, 05001
Uranium mills:
environmental evaluation of uranium and vanadium milling operations at Edgemont, S. Dak., 10873
Uranium mononitride:
interlaboratory comparison of chemical analysis of uranium mononitride, 08733
tantalum-alloy-clad uranium mononitride fuel specimens, evaluation, 10251
Urban areas, *see* Cities and towns.
Urban development, *see* Community development programs.
Urban families, *see* Families.
Urban life, *see* Cities and towns.
Urban Mass Transportation Administration:
appropriations, 1975–
report, 10674
Urban planners, *see* City planners.
Urban planning, *see* Redevelopment (city planning, etc.).
Urban renewal, *see* Redevelopment (city planning, etc.).
Urbanization:
effects of urbanization on sedimentation and flood flows in Colma Creek basin, Calif., 11537
farming in the city's shadow, 05928
preurbanization reconnaissance study of Lake Earl water quality, 07859
Urea:
stream chemistry following forest fire and urea fertilization in north-central Washington, 05402
Uremia:
artificial kidney-chronic uremia program–
report of Membrane Evaluation Study Group, 06947
seventh annual contractors conference, 06948
Urethanes:
ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
Urstadt, Charles J.:
nomination–
hearings, 09193
Uruguay:
economic trends and their implications for United States, 00484
extradition treaty, 00188
map, 07298
US-USSR Standing Consultative Commission on Arms Limitations:
status, privileges and immunities of delegations, agreement with Switzerland, 03771
USA, *see* United States.
USA-USSR Joint Symposium on Congenital Heart Disease:
proceedings, 08115
USAAMRDL, *see* Army Air Mobility Research and Development Laboratory.
USAEC, *see* Atomic Energy Commission.
USAFI, *see* Armed Forces Institute.
USC/FAR, *see* National Security Council.
USDA, *see* Agriculture Department.
USIA, *see* United States Information Agency.
USSR, *see* Union of Soviet Socialist Republics
USTS, *see* United States Travel Service.
Utah:
Beaver River Basin study, resource related problems, 02811
census portrait, 08930
climatological data, 01761
counties and metropolitan and population estimates, 07272
mineral interests conveyance–
law, 11352
pollution of Bear River, 11748
precipitation data, hourly, 02132
water supply outlook and snow surveys, 02749
Utah Multiple Use Advisory Board:
annual meeting, report of proceedings, 04571
Utah, Nev.:
migratory sheep ranches, cost and returns, 03307
Utilities:
retail prices and indexes, 02549
utility staffing and training for nuclear power, 04893
see also Electric utilities–Public utilities.
Utility companies, *see* Electric utilities-Public utilities.
Uvas Creek:
flood plain information–
Pajaro River to Uvas Reservoir, Santa Clara County, Calif., 01121
floods near Gilroy, Calif., 01132

Uzbek Soviet Socialist Republic:
fifty years of Uzbekistan public health and medicine, 01325
Uzbekistan, *see* Uzbek Soviet Socialist Republic.

V

V/STOL (vertical or short takeoff and landing), *see* Aircraft-Flight.
VA, *see* Veterans Administration.
Vaccine:
Marek's vaccine on target, 02818
Vacuum:
chuck system and process for precision grinding of molded plastic parts, 07234
fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, study, 03597
in-flight and laboratory vacuum-friction test results, 06880
low density foams for vacuum insulation, 08301
Vacuum cleaners:
floor polishers and vacuum cleaning equipment and components, 04319
Vacuum pumps, *see* Pumps.
Valencia Creek:
flood plain information, Aptos, Calif., Santa Cruz County, Calif., 01112
Valentine National Wildlife Refuge:
addition to National Wilderness Preservation System, proposal, 06221
Validity (psychology):
relative validity of 2 item formats for obtaining length of service data from job inventories, 05972
validation of 2 aircrew psychomotor tests, 08887
validity of armed services vocational aptitude battery, form 1, to predict technical school success, 02829
Valkie, Thomas V.:
nomination—
hearings, 10776
Valley County, Mont.:
conservation needs inventory for land resource planning, 03742
Valuation:
reappraisal of ships in maritime, river, and fishing fleets, Jan. 1, 1973, price list 27, USSR study, 09385
tests and other applicant appraisal procedures—
Federal personnel manual supplement, 01977
western white pine, improved system for estimating value, 07832
Value engineering:
value analysis, its place in Government operations—
hearings, 00241
Values, *see* Worth.
Valves:
discharge and torque characteristics, Auburn Dam, 09601
general purpose, Federal item identification guide, 04279, 06423
Van Duzen River:
flood plain information—
Humboldt County, Calif., 01122
floods, Humboldt County, Calif., 01133
Van Gorkom, Jerome W.:
nomination, hearings, 08474
Van Zanten, Zosima T.:
relief, 03113, 08990
Vanadium:
environmental evaluation of uranium and vanadium milling operations at Edgemont, S. Dak., 10873
mineral industry survey, monthly, 02729
Vandenberg Air Force Base, Calif.:
ground water conditions during 1969, 07848
Vanes:
adverse effect of film cooling on suction surface of turbine vane, 08742
cooled turbine vanes, cold-air annular-cascade investigation of aerodynamic performance, 08747
crossflow effects on impingement cooling of turbine vane, 08724
small turbine, water-table tests of proposed heat-transfer tunnels, 11110
transient turbine vane temperatures in cascade for gas stream temperature, 11653
turbine vane, pressure loss and flow coefficients, 10226
Vapor, *see* Water vapor.
Vaporization:
enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms, 11137
thermodynamics of chemical species important to rocket technology, 08093-4
Vapors:
treatment of sulfite evaporator condensates for recovery of volatile components, 09997
vapor dominated hydrothermal systems for geothermal leasing program, 03438
vapor impurities from TNT, RDX and composition, B, exploratory analysis, 05300-1
vapors emitted from military mines, analysis, 07677
Variables (mathematics):
design and operating variables on NOx from coal-fired furnaces, 07747
dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
estimating understory plant cover with rated microplots, 00416
geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, effect, 06883
separation of variables in special diagonal Hamilton-Jacobi equation, 01413
use of maximum likelihood method under quantal responses for estimating parameters of normal distribution and its application to armor penetration problem, 05742
variable-stress vehicle reliability model, 08539
variables related to pre-service cannabis use in sample of Air Force enlistees, 09668
Variance analysis:
systematic application of Duncan's multiple range test to biological research data, 02803
Variation (biology):
variation among shortleaf pines in Mississippi seed source planting, 05393
Variations:
average daily variations in magnetic field as observed by ATS-5, 10242
method of similarity constants in designing aircraft over long term, USSR study, 07916
Varnish and varnishing:
current industrial reports, 01846
paints, dopes, varnishes, and related products, Federal item identification guide, 00269
Vascular diseases, *see* Blood vessels.
Vascular system, *see* Blood vessels.

Vaults:
barrel vault 96 meters long check tested against design, USSR study, 09419
Veal:
veal calf production and marketing in Northeast, 06603
Vectors (biological):
vector and vector-borne disease problems associated with water and related land resources, 07294
Vectors (mathematics):
vector averaging current meter, general information, 11186
Vegetable oils, *see* Oils and fats.
Vegetables:
census of agriculture, 07253
consumers' preferences, uses, and buying practices, 07122
disinfestation by gamma irradiation, dosimetry, tolerance, and shelf life extension, 02861
fresh–
market news, weekly summary, 02050
shipping containers, standardization, 07120
fresh fruit and vegetable unloads FVUS series, 09656-60
fresh market–
acreage and estimated production, monthly report, 02731
acreage, yield, etc., annual summary, 05860
fresh, unloads–
eastern cities by commodities, States and months, 09656
midwestern cities, by commodities, States and months, 09657
southern cities by commodities, States and months, 09658
western cities, commodities, States and months, 09659
41 cities, 09660
optimum requirement for dehydration and rehydration of certain freeze-dried vegetables, 04850
processed, and related products, regulations governing inspection and certification, 02799
processing, statistical report, 02732
seeds, foreign agriculture circulars, 02039
storing in basement, cellars, outbuildings, and pits, 00011
vegetable situation, 02730
Vegetation:
data collection in temperate forest research natural areas, 04443
effects of sulfur oxides in atmosphere on vegetation, 06546
natural vegetation of Oregon and Washington, 03397
relation to water depth in conservation area 3, Fla., 10952
vegetation and hydrologic phenomena (series), 04473
see also Plants.
Vehicles:
and trailers, Federal item identification guide, 08525
development of vehicle performance prediction equations and classification system for coarse-grained soils, study of trafficability of soils, 10816
exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, 00023
height variation along sea ice pressure ridges and probability of finding holes for vehicle crossings, 05304
heuristic routing for solid waste collection vehicles, 10862
motion of vehicle with lifting airfoils over rippled water surface, USSR study, 09391
numerical model of ride dynamics of a vehicle using a segmented tire concept, 01145
off-road recreational vehicles use on public lands–
hearings, 00136
pneumatic, vehicular (highway), Federal standard, 06636
sea ice terrain model and its application to surface vehicle trafficability, 07674
State traffic records systems design manual, standard data elements and coding, 01442
use of magnetically encoded cards and digital transmission in land mobile services, 03987
variable-stress vehicle reliability model, 08539vehicle data subsystem, standard data elements and coding, State traffic records systems design manual, 01442
vehicle/road compatibility analysis and modification systems (VRCAMS), 06535, 07718
vehicular power transmission components, Federal item identification guide, 11445
see also Air cushion vehicles–Airplanes–Motor vehicles–Spacecraft.
Vela uniform program:
Sterling event, analysis of aquifer response for Sterling event, Tatum Dome, Lamar County, Miss., 04892
Velocity:
convective velocities in turbulent boundary layer, measurements and model, 03607
drag characteristics of circular cylinders in laminar boundary layer at supersonic free-stream velocities, 06871
FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial- or mixed-flow turbomachine, 09500
FORTRAN programming for surface wave trains, 05732
high-velocity oxidation performance of coating on nickel alloys, 09505
lag of solid particles in oscillating gases and in gases passing through normal shock waves, 09503
pilot model expansion tunnel test flow properties obtained from velocity, pressure, and probe measurements, 06862
segregation of wood and bark chips by differences in terminal velocities, 04441
Vendors and purchasers:
licensed vendor listing postal service, uniform allowance program, 03823
minority vendors program, 05786
Veneers:
veneer recovery from old-growth coast Douglas fir, 07831
Venera-8, *see* Spacecraft.
Venereal diseases:
current literature, abstracts and bibliography, 01848
what you and your community can do about VD, 06100
Venezuela:
background notes, 09617
economic trends and their implications for United States, 03467

Venezuelan equine encephalomyelitis, *see* Encephalomyelitis.
Venice, Italy:
sale of property to Wake Forest University, authorize–
law, 09005
Ventilation:
HVAC systems, report of fire tests on flexible connectors, 06908
waterproof marine ventilation system for dry freight shipping containers, 05946
see also Tunnels.
Vents:
venting characteristics of gaseous helium and nitrogen discharging into free stream, 10222
zero-gravity venting of three refrigerants, 06886
Ventura County, Calif.:
flood plain information, 06508
floods, 06523
Venus (planet):
Venus and Mercury as planets, 11671
Venus and Mercury encounters, 11673
Venus atmosphere, *see* Atmosphere.
Verde River:
water supply outlook and snow survey, 02744
Vermiculite:
mineral industry surveys, 05604, 11646
Vermilion River:
flood plain information, 06511
floods, 06521
Vermont:
census portrait, 08931
counties, population estimates, 07271
electric rate book, 03345
improving the environment, resources conservation in Vermont, 03745
income limits for below-market interest rate housing and exception limits for sec.235-6 housing, 07887
local rail service zone, Secretary of Transportation report, 04755
mineral industry, minerals yearbook chapter, 11621
Vermont Yankee Generating Station:
aerial radiological measuring system, 06031
Verona project:
Potomac River basin, reformulation, engineers report–
departmental edition, 09989
document edition, 09739
reformulation, engineers report–
departmental edition, 10814
document edition, 10594
Verticillium wilt:
cotton, National Cotton Pathology Research Laboratory, work conference proceedings, 05920
Vessels, *see* Fishing vessels–Ships.
Vestibular stimulation:
effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
Vesting, *see* Pensions.
Veterans:
benefits–
calculator, slide chart, authorize, printing report, 10630
disability and death pension, increase rates, law, 04024
improvement, proposals, message from President, 09741
laws, compilation, 09124
title 38, United States Code, 00245
best bets for returning veterans in Washington, D.C area, 01677
education and rehabilitation assistance, increase–
report, 10617
education bills for veterans and certain of their dependents–
hearings, 05092
education newsletter, 02736
educational and subsistence payments and eligibility at educational institutions closed due to emergencies, continue–
law, 06173
report, 09147
educational assistance, comparative study of 3 G.I. bills, 00244
educational assistance, increase rates–
law, 10585
educational assistance programs, report of educational testing service, Princeton University, 09123, 09125
handbook for veterans benefits counselors, 09653
health care expansion act–
report, 03129
home buying guide, 05902
home loan program, amend National housing act–
law, 00100
legislation, 93d Congress, summary–
report, 10670
loan guaranty program, flexible GI interest rate authority in VA–
law, 00092
report, 03146
loans, guaranteed and direct, questions and answers, 10485
MEDIHC, military experience directed into health careers, conference proceedings, 05443
pending non-service-connected pension legislation–
hearings, 07578
recommendations of veterans' organizations, 1974–
hearings, 09859
relief, code of Federal regulations, 03349
review of veterans' insurance programs–
hearings, 04150
State veterans' laws, digest, 07450, 09968
Veterans disability compensation and survivor benefits act of 1974, 11770
veterans of nations allied with United States in World Wars 1 and 2, provide benefits–
hearings, 00167
veterans' pensions increased, 08212
Vietnam era, source material on present accomplishments and adjustments, 07579
Vietnam on Veterans Day, expression of appreciation of Congress–
report, 03192
see also Life insurance–Pensions.
Veterans Administration:
activities, monthly, 02735
annual report–
departmental edition, 08263
document edition, 07374
appropriations, 1974–
law, 02954
appropriations, 1974, supplemental–
hearings, 09050
law, 10572
report, 09891
appropriations, 1975–
hearings, 09812

Veterans Administration—Con.
Board of Veterans Appeals, 40th anniversary, progress report, 09969
career opportunities—
count your benefits as an employee, 08264
drugs in Federal Government, how to improve procurement and supply, GAO report, 06682
exchange of medical information, annual report, 09344
information bulletin IB series, 05899
let's do business, 05899
loan guaranty program, flexible GI interest rate authority—
law, 00092
report, 03146
manpower planning data, trends, projections, 05900
medical research, 1973 fiscal year, 09858
National Cemetery System—
establish, law, 00091
study, hearings, 06309, 06407
national service, life insurance policies—
information and premium rates, 05903
oversight of VA hospital programs, 1973—
hearings, 04262
safety, occupational health and fire protection bulletin, 02566
sharing medical resources, annual report, 09122, 09245
VA handbook H series, 09653
VA pamphlet, 05900-5, 07092, 08264, 10485, 11282
Veterans Affairs Committee, House:
calendar, 02221
certain printing, authorize—
reports, 03089, 10727
committee prints, 06309, 07450, 09122-5, 09858
hearings, 00167, 00946, 05091-2, 09859
report, 10617
Veterans Affairs Committee, Senate:
calendar, 02240
committee prints, 00244-5, 04261, 06407, 07579, 09243-5, 09967-9
hearings, 04150, 04262, 05170, 07578
inquiries and investigations, authorization and expenses—
reports, 03129, 03146, 03192, 03201, 09147
printing of summaries of veterans legislation, authorize—
report, 10727
reports, 03129, 03146, 03192, 03201, 09147
Veterans Canteen Service:
financial statements, 1973—
GAO examination, 06680
Veterans hospitals:
health careers in Veterans Administration hospitals, 09654
librarians in Veterans Administration hospitals, 05901
medical facilities for Connecticut veterans—
hearings, 05091
nurse anesthetists in Veterans Administration hospitals , 11282
oversight of VA hospital programs, 1973—
hearings, 04262
psychosurgery performed for modification of behavior—
hearings, 05170
Veterans of Foreign Wars:
seventy-fifth anniversary commemorative postage stamp (poster), 05898
VFW's stamp as proof of patriotism in serving America (remarks), 09648
Veterans of World War I of United States, Inc.:
convention, 1973, proceedings, 09016
Veterans organizations:
legislative recommendations, 1974—
hearings, 09859
Veterinarians:
entering agreement to practice in shortage area to repay educational loans, 07872
trainee, summer employment, 00802
Veterinary instruments and apparatus:
X-ray equipment and supplies, Federal item identification guide, 01072
Veterinary medicine:
CDC veterinary public health notes, 01710
summer employment for sophomores and juniors, 00802
veterinary biological products, licensees, permitees, 03897
veterinary services diagnostic laboratories, developmental studies and laboratory investigations, 05985
Veterinary supplies, *see* Veterinary instruments and apparatus.
Veterinary zoology, *see* Zoology.
Veto:
pocket veto, provide rule for—
report, 10658
pocket veto, qualify conditions—
hearings, 07429
Veto messages, *see* President of United States.
VFW, *see* Veterans of Foreign Wars.
VHF, *see* Frequency band.
Vibration:
axisymmetrical vibration of partially liquid-filled elastic sphere, analysis by method of Green's function, 08063
CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, recommended design modifications, 08292
determination of vibration characteristics of corrugated, flexibly supported, heat-shield panels, 10245
flight investigation of structural mode control system for XB-70 aircraft, 03608
noise and vibration control on seagoing vessels, USSR study, 03506
prediction of gear-mesh-induced high-frequency vibration spectra in geared power trains, 08295
shock and vibration digest, 02592
truck noise, acoustic and performance test comparison of initial quieted truck with contemporary production trucks, 07084
vibrationally excited hydrogen halides, bibliography on chemical kinetics of chemiexcitation and energy transfer processes, 10267
wind-tunnel, roll-damping measurements of winged space shuttle configuration in launch attitude, 06875
Vice President of United States:
direct popular election, amend Constitution—
hearings, 07539
Gerald R. Ford, confirm nomination—
report, 05037
nomination of Gerald R. Ford—
hearings, 04260, 05075
report, 04159, 05037
official residence to be, premises occupied by Chief of Naval Operations—
hearings, 11396
Presidential disability and vacancies in Office of Vice President, selected materials on twenty-fifth amendment, 04155

Vice President of United States–Con.
staff support for executive duties, authorization–
hearings, 10711
Video display systems, *see* Display systems.
Video recording systems:
optimized video output from wide angle optical probe, 10501
spaceborne facsimile cameras, controls for drift, video gain, and color balance, 04620
Videotape recordings:
National Medical Audiovisual Center–
motion picture and videotape catalog, 04675
Vientiane, Laos:
U.S. Embassy, use of excess property, repairs and improvements to leased property and contracting for alien personnel–
hearings, 10701
Viet-Nam, *see* Vietnam.
Vietnam:
agricultural commodities, agreement, 00697, 03784, 05846, 05855
command and control, 1950-69, Vietnam studies, 08297
conflict, Vietnam era veteran, source material on present accomplishments and adjustments, 07579
conflict, war claims by American civilian internees–
hearings, 07419
report, 03182
ending war and restoring peace in Vietnam, agreement, 00685
European reactions to U.S. policies in Vietnam–
hearings, 05059
exports opportunities for agricultural products in United States, 07652
Marines 1954-73, anthology and annotated bibliography, 10171
North–
myth of bloodbath, North Vietnam's land reform reconsidered, testimony of D. Gareth Porter on his study, 05163
relief and rehabilitation of war victims in Indochina, hearings, 05160
translations, 02671
Republic–
agricultural commodities, agreement, 01568
refugee relief, agreement between United States and International Committee of the Red Cross, 11779
Riverine operations, 00042
South–
and regional problems, relief and rehabilitation of war victims in Indochina, hearings, 05159
political prisoners, treatment, hearings, 03109
studies–
airmobility in Army, 06023
U.S. Army Special Forces, 1961-71, studies, 04880
veterans on Veterans Day, expression of appreciation of Congress–
report, 03192
Vietnam Veterans Day:
proclaim–
law, 06188
View finders:
computer program to determine possible daily release window for sky target experiments, 11650
Viking, *see* Space flight–Spacecraft.
Violence:
prevention and control of collective violence, 00515, 04552-4
Viral diseases, *see* Virus diseases.
Virgin Islands:
climatological data, 01756
delegates in Congress to make nominations to service academies, authorize–
law, 04020
report, 03022, 03226
entitle Delegate to make appointments to service academies–
hearings, 03105
income limits for below-market interest rate housing and exception limits for sec.235-6 housing, 07888
legislature, filling of vacancies, provide–
law, 00846
report, 00911, 00994
mineral industry, minerals yearbook chater, 07983
nomination of one cadet for U.S. service academies–
hearings, 03105
water records, 01275
Virginia:
Agricultural Stabilization and Conservation Service, annual report, 00718
census of population, 1970, characteristics of population, 00054
census portrait, 10538
climatological data, 01762
erosional and dispositional aspects of hurricane Camille, 1969, 07861
land for living, 1972 report on conservation, 00654
landings, fish and shellfish, 02737
local rail service zone, Secretary of Transportation report, 04756
National Capital parks–
historic resource study, 01488
precipitation data, hourly, 02133
registry of minority contractors and housing professionals, listing in selected cities, 00452
Virginia Capes operating area, environmental guide, 05723
Virginia Electric and Power Co.:
fiche index for nuclear dockets, 07230
Virginia Transportation Company:
motor carrier accident, 06843
Virology, *see* Viruses.
Virulence:
genes in agents of brown and yellow wheat rusts identification, USSR study, 05516
Virus diseases:
fish virology plaquing fish viruses in normal atmosphere procedures and preparation of materials, 03755
influenza, surveillance, 06097
viral hemorrhagic septicemia (VHS), 03754
Virus hepatitis, *see* Hepatitis.
Viruses:
engineering evaluation of virus hazard in water, 09318
fish virology, procedures and preparation of materials for plaquing fish viruses in normal atmosphere, 03755
foot-and-mouth disease, biological-ecological aspects of problem, USSR study, 08670
viral hemorrhagic septicemia (VHS), 03754
Visa Office:
annual report, 05825
Visas, *see* Passports.
Viscoelasticity, *see* Elasticity.

Viscous flow, *see* Flow.
Visibility:
apparent 7-day period in visibility data at White Sands Missile Range, N. Mex., 04825
slant range visibility measurement for aircraft landing operations, 11785
Vision, *see* Sight.
Visiting housekeepers:
homemaker/home health aide services in United States, 07341
Visitors:
educational and cultural exchange visitors, tax information, 05472
foreign arrivals, travel patterns, 07091
foreign visitor travel to United States can be increased, GAO report, 04457
information for Indian visitors to United States, 09567
our international visitors, 05821
serving the international visitor (remarks), 00811
tax information for visitors to United States, 04522
visitor arrivals to U.S., statistics on, 02628, 09649
VISTA, *see* Volunteers in Service to America.
Visual acuity, *see* Sight.
Visual instruction, *see* Audio-visual education.
Visual stimulus, *see* Stimulus.
Vital statistics:
provisional, monthly report, 02324
United States, 03653, 08763
vital and health statistics–
data evaluation and methods research, 06927, 11170-1
data from national health survey, 03652, 04649-50, 05651-2, 06928-31, 08108-10, 09529-30, 10277
data from national vital statistics system, 00566, 01430, 06932, 08111
data on national health resources, 10278, 11680
documents and committee reports, 00565
see also Death–Life tables–Marriage.
Vo, Thi Suong:
relief, 09002, 11364
Vocational and Technical Education Center, *see* Center for Vocational and Technical Education, Ohio State University.
Vocational education:
amendments of 1968, reports on implementation, 09826
armed services vocational aptitude battery scores from answer sheet and answer card administration, comparability study, 09674
challenge of career education, 07658
fund for improvement of postsecondary education, 06480
staff development priorities for the 70's, 04597-8
State instructional materials available from State education agencies, list, 01097-9, 03313-5
vocational and occupational interest inventory, Air Force, 07145
vocational and technical education–
personnel evaluation, 10287
student evaluation, 10286
vocational schools program, consumer education, 10925
Vocational rehabilitation, *see* Education–Rehabilitation of the disabled.
Voice communication:
logistic support plan for automatic secure voice communications network (AUTOSEVOCOM), Army pamphlet, 04865
sentence intelligibility for audiological assessment of naval personnel and voice communication systems, 07960
Volatilization, *see* Evaporation.
Volcanic ash, tuff, etc.:
pumice and volcanic cinder, annual advance summary, 03562
tuffaceous rocks of Big Sandy Formation, Mohave County, Ariz., 06707
volcanic ash, atlas, 10408
Volcanic rocks, *see* Igneous rocks.
Volpe, John A.:
nomination–
hearings, 09209
Voltage:
extended periods of ripple current, evaluation of wet tantalum capacitors after exposure, 08713
high voltage power transmission lines, determination of coronal ozone production, 04362, 07750
lightning-induced voltages in aircraft electrical circuits, 08028
MC2810 high-voltage connector characteristics and development report, 02856
see also Photovoltages.
Volume and yield tables:
Alabama forests, timber volume prospects, 06672
fifteen-year yield results from selective cutting methods in second-growth northern hardwoods, 08594
flowering and fruiting of southern browse species, 05408
Mississippi timber resources volume midcycle evaluation, 06674
weighting tree volume equations for young loblolly and shortleaf pines, 06657
western white pine, improved system for estimating value, 07832
Volunteer forces, *see* Recruiting and enlistment.
Volunteer workers:
day care, everybody's problem, volunteer to help in your community, 00790
Domestic volunteer service act–
hearings, 04093
law, 02938
interACTION, 02162
older Americans in ACTION, 02400
volunteer agencies and community mental health services, 08777
you can help fight hunger in America, food stamp handbook for volunteers, 00389
Volunteers in Service to America:
domestic programs fact book, 01889
volunteers in action, Peace Corps, VISTA, 00710
Vortex flow:
decay of far flow field in aircraft trailing vortices, 08075
devices for attenuation of trailing vortices, evaluation based on model tests, 08710
vortex modification by mass injection and by tip geometry variation, 06016
Vortex motion:
aerodynamic stability of helical vortices shed from hovering rotor, analytical investigation, 07196

Vortex motion—Con.
experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, effect, 06883
vortex-shedding current meter, general information, 11185
Vostok, *see* Spacecraft.
Voter Registration Administration:
establish—
hearings, 04108
report, 09762
Voting:
and registration in election of Nov. 1972, 04925
citizens of U.S. residing abroad, provide uniform procedures for absentee voting in Federal elections—
hearings, 05187
rights act 1965, and amendments of 1970—
text, 10707
rights to former criminal offenders in Federal elections—
hearings, 09088
Voter registration act—
report, 09762
see also Elections.
Voyageurs National Park:
general information, 04692
VRCAMS (vehicle/road compatibility analysis and modification systems), *see* Vehicles.
VTOL (vertical take off or landing), *see* Aircraft.

W

W. Turner Wallis Pumping Station:
designate—
law, 09733
report, 10651, 10722
W.T. Preston (steamship):
Preston story, 06527
Waco, Tex.:
environmental noise assessment, 11479
Lawrence, Haverhill, Mass., N.H., 07946
Wage and Hour Division:
Federal labor laws, administered, with regulations and interpretations, 01969, 11283
Wage chronology, *see* Wages.
Wages:
age and earnings by occupations, 08905
area surveys—
Adron, Ohio, 11580
Albany, N.Y., 01353
Allentown, Bethlehem, Easton, Pa.-N.J., 06797
Atlanta, Ga., 00525
Beaumont-Port Arthur, Orange, Tex., 01357
Buffalo, N.Y., 03537
Canton, Ohio, 00522
Charleston, W.Va., 00523
Des Moines, Iowa, 00521
Fort Lauderdale, Hollywood, and West Palm Beach, Fla., 07941
Greenville, S.C., 07945
Huntsville, Ala., 11028
Jackson, Miss., 11027
Kansas City, Mo.-Kans., 06800
Lawrence-Haverhill, Mass.-N.H., 07946
Melbourne, Titusville, Cocoa, Fla., 04564
Milwaukee, Wis., 07944
New York, N.Y., 07947
Omaha, Nebr., 01352
Phoenix, Ariz., 07948
Pittsburgh, Pa., 00519
Portland, Maine, 11026
Portland, Oreg., 03538
Poughkeepsie-Kingston-Newburgh, N.Y., 01359
Providence-Warwick-Pawtucket, R.I.-Mass., 01358
Raleigh, N.C., 10163
Richmond, Va., 00520
Rockford, Ill., 01355
San Antonio, Tex., 07943
San Francisco-Oakland, Calif., 01356
Savannah, Ga., 01354
selected metropolitan ares, 1971-72, 06798
St. Louis, Mo., 07942
Waterloo, Iowa, 06801
Worcester, Mass., 00524
chartbook on prices, wages, and productivity, 01715
chronology—
Aluminum Co. of America with United Steel workers of America and Aluminum Workers International Union, 11584
American Telephone and Telegraph Company, Long Lines Department, and Communications Workers of America, 11582
International Paper Co., Southern Kraft Division, 00528
Massachusetts shoe manufacturers and United Shoe Workers of America, 06804
United States Steel Corporation and United Steelworkers of America, 11583
coordinated Federal wage system, FPM supplement, 01984
current developments, 01851
District of Columbia minimum wage act, amend—
hearings, 07486
law, 10566
report, 04071
employee compensation and payroll hours—
department stores, 06809
heavy construction industry, 07952
employment and earnings (periodical), 01905
extension of NLRA to nonprofit hospital employees—
report, 11388
fishermen expectations and pay-lake profits, 06664
industry surveys and union wages and hours studies, 1960-73, directory, 11585
industry wage survey—
cigar manufacturing, 00530
communications, 1971, 07949
crude petroleum and natural gas production, 06802
flour and other grain mill products, 11581
life insurance, 00529
textiles, 06805
women's and misses dresses, 01360
inflation, on prices and wages and running amok, readings, 05193
labor force, migration, earnings, & growth, 07083
local truckdrivers and helpers, union wages and hours, 06806
minimum, increase—
law, 10570
report, 09773, 09890
veto message, 06214
minimum wages and maximum hours standards under Fair labor standards act, 06486

Wages–Con.
national and regional variations in earnings under social security, 01550
occupational earnings and wage trends in metropolitan areas, 09445
Portal to portal pay act, effect on labor standards act, 09946
railroad employees, class I railroads, statistics, 05502, 10982
sugar harvesting, processing, etc., wage rate determination, 02624
telephone company employees, FCC rules and regulations, 01964
union, printing industry, 08682
wage and hour compliance series, position-classification standards, Labor Dept., 00801
wage and price controls, oversight on Economic stabilization act–
hearings, 08475
wage-price control and income policies, conference papers, 09439
wage-replacement rates under OASDHI retirement provisions, 04733
wife's earnings as source of family income, 11768
withholding taxes from your employee's wages, 04527
workers covered by State unemployment insurance laws, 01906
your social security earnings record, 10422
see also Salaries.
Wagner-O'Day act, *see* Handicapped.
Wahpeton Indians:
Sioux Tribe of Lake Traverse Reservation, consolidate land holdings in North and South Dakota–
report, 11427
Waipio Ponds:
waste stabilization ponds and surrounding areas, investigation, 10005
Wake County, N.C.:
flood plain information, 06504
Wake Forest University:
sale of property in Venice to, authorize–
hearings, 08392
law, 09005
Wake Island:
code, civil, administration, Federal aviation regulations, 01951
Wakes:
aerodynamic stability of helical vortices shed from hovering rotor, analytical investigation, 07196
exploratory investigation of a wake disruption technique for studying wake reestablishment time, 11100
noise and wake structure measurements in subsonic tip speed fan, 04606
Walk a Mile for Your Health Day:
designate–
report, 11412
Walking:
algorithms for controlling walking apparatus capable of overcoming obstacles, 07925
Wall-Streeter Shoe Co.:
North Adams, Mass., footwear for men, Tariff Commission report, 08864
Wallboard, *see* Pulpboard.
Wallich, Henry C.:
nomination, hearings, 08474
Wallis, W. Turner, *see* W. Turner Wallis Pumping Station.
Walls:
compliant wall drag reduction in turbulent boundary layers, 10209
discreet wall jets in quiescent air, 09482
how to clean, 03864
metallic shear walls for ballistic missile defense ground support systems, 09983
Walnut Creek:
floods, 07705
Walnuts:
black walnut as crop, symposium, 00395
black walnut growth–
better on deep, well-drained bottomland soils, 04436
growing for home use, 05944
in 8 midwestern States, provenance test, 04442
Walsh-Healy Public contracts acts, *see* Government contracts.
Walz, August F.:
relief, 00966, 08989
Wapsipinicon River:
floods on Wapsipinicon River and Malone Creek, Independence, Iowa, 00310
War:
environmental modification as weapon of war, prohibit–
report, 00987
European security and Middle East after war of Oct. 1973, 09066
impact of October Middle East war–
hearings, 06295
Marxism-Leninism on war and army, Soviet view, 08282
Middle East between war and peace, Nov.-Dec. 1973, 09929
Middle East conflict, protecting civilians under international law–
hearings, 09833
powers of Congress and the President–
report, 03029
relief and rehabilitation of war victims in Indochina–
North Vietnam and hearings, 05160
South Vietnam and regional problems, hearings, 05159
restrict travel of U.S. citizens to countries in armed conflict with United States–
hearings, 01035
War claims act, amend–
hearings, 07419
war victims in Indochina–
relief and rehabilitation after ceasefire, 07546
see also Peace.
War and emergency powers:
Congress and the President, define–
review and manner of investigating mandate, 09954
constitutional questions concerning emergency powers–
hearings, 00238, 07566
emergency powers statutes–
delegated to Executive in time of national emergency, terminate, report, 04176
provisions of Federal law not in effect, report, 00237
views of former Attorneys General, hearings, 07565
summary of emergency power statutes, working paper, 01046
war powers of Congress and the President–
law, 04990
veto message, 04039
War claims, *see* Claims.

Warehouses:
capacity of refrigerated warehouses, 10444
improving receiving of tobacco at auction warehouses, 05921
Warfare, *see* Chemical warfare.
Warm Springs Dam:
mercury-hazard potential, 07857
Warning systems:
floods, flash floods, and warnings, 05719
internal RAREP, radar report, and warning coordination system (RAWARC), 11699
natural disaster, warning dissemination–hearings, 08470
Warranties and guarantees:
automobile warranties, FTC report, 05384
Warwick, R.I.:
area wage survey, 01358
Washability:
influence of mining techniques on size consist and washability characteristics of coal, 04959
Washakie, Wyo.:
basin, geology of Eocene rocks and oil yields of Green River oil shales on part of Kinney Rim, 03561
Washers (metal, etc.):
final bird washer design, specifications and evaluation, 08272
Washington Environmental Research Center:
Environmental Studies Division, fy-1974 program, 01174
Washington Metropolitan Area Transit Authority:
appropriations, 1975–
hearings, 09806
report, 10674
METRO's costs and construction progress, transit authority's system of reporting on its status needs to be improved, GAO report, 10938
Washington Metropolitan Rail Rapid Transit System, additional cost of providing mobility for elderly and handicapped, 11271
Washington State:
census portrait, 08932
climatological data, hourly, 02134
data on selected lakes, 04462
eastern–
channeled scablands, 08611
leafhopper transmission of western asters yellow agent, to potato and carrot, 10491
electric rate book, 04413
hunters at regulated plant-and-shoot pheasant areas in western Washington, 05400
mineral industry, minerals yearbook chapter, 05594, 07979
Mount Rainier, recent activity of glaciers, 06700
natural vegetation, 03397
oceanographic conditions off Washington coast, RP-6-OC-71 data report, 03668
precipitation data, hourly, 02134
registry of minority contractors and housing professionals, listing in selected cities, 00457
resource conservation and development project, short term plan, 10425
stream chemistry following forest fire and urea fertilization in north-central Washington, 05402
water supply outlook and snow surveys, 02750
Washington, D.C., *see* Capital of United States–District of Columbia.
Washington, George, *see* President of United States.
WASP (calculating water and steam properties)., *see* Transport properties.
Waste disposal:
barged ocean disposal of wastes, mathematical model, 10841
Chase X disposal site, third post-dump survey, 09574
collection and disposal of solid waste for Des Moines metropolitan area, planning phase, 09291
convention on prevention of marine pollution by dumping of wastes and other matter, implement provisions–
hearings, 04132
law, 10568
report, 03034, 10734
disposal of airplane wash wastes, 11721
disposal of hazardous wastes, 06592
ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
from cleaning of airplanes, 11722
influence of liquid waste disposal on geochemistry of water at National Reactor Testing Station, 10087
ocean dumping and other man-induced changes to ocean ecosystmes, Oct. 1972-Dec. 1973, report to Congress, 11184
ocean dumping in New York Bight, environmental assessment, 05295
resource conservation, resource recovery, and solid waste disposal, study, 07572
safe debris burning, 06676
Solid waste disposal act, amend–text of amendments, 10703
solid waste disposal study, Genesee County, Mich., 11744
solid waste generation and disposal–
at Watervliet Arsenal, 05307
Red River Army Depot, 11459
subsurface disposal of pickle liquor, 03571
watercraft, conference proceedings, 11732
see also Industrial wastes–Radioactive waste disposal–Waste treatment.
Waste disposal tanks:
Waipio stabilization ponds and surrounding areas, investigations, 10005
Waste heat:
coiled-pipe heat sink, analytical study, 05302
Waste products:
aldehyde and reactive organic emissions from motor vehicles, 00028-9
animal feedlot waste program research needs, 07816
animal waste management, study of current and proposed practices, 06594
animal wastes from feedlots, reuse as fertilizers or fuels–
report, 09793
bacteriological investigations of upper South Platte River basin, 10868
bacteriological survey of Cache La Poudre River near Greeley, Colo., 10867
chemical/physical and microbiological characteristics of typical bath and laundry waste water, 08736
collection and disposal of solid waste for Des Moines metropolitan area planning phase, 09291
COLMIS, new solid waste management , 07726
decision-makers guide in solid waste nanagement, 10825

Waste products–Con.
developing local and regional solid waste management plan, 10826
dissolved-solids discharge to oceans from conterminous United States, 07845
energy recovery from waste, solid waste as supplementary fuel in power plant boilers, 06590
Federal solid waste management program, library holdings, nonperiodical, 09292
GC-MS gas chromatography-mass spectrometry (GC-MS) analysis of organics in water, current practices, 01172
heuristic routing for solid waste collection vehicles, 10862
microbial degradation of petroleum waste products in Continental Shelf sediments, 05303
municipal waste-source evaluations, water quality investigations in South Platte River basin, Colo., technical appendix, 10877
rail transport, feasibility study, 11737
resource conservation by recycling to reduce solid waste–
hearings, 09196, 09914
resource conservation, resource recovery, and solid waste disposal, study, 07572
resource recovery and source reduction of solid waste, 07779
resource recovery and source reduction, second report to Congress, 07780
resource recovery, recycling, and reuse, 00251
solid waste handling in metropolitan areas, 11745
solid waste management–
available information materials, 06591
collection management information system, COLMIS, user's manual, 10861
in wholesale food distribution centers, 08277
series, 03326, 06590-3, 07779-80, 09291-2, 10861-2
solid waste planning and systems simulation, case study, 06589
solid waste recycling projects, national directory, 03326
solid waste training, ad hoc conference, 11719
solid wastes demonstration grant abstracts, 11746
tax treatment of recycling of solid waste–
hearings, 10715
waste and bioassay investigations, 11754
waste automotive lubricating oil as municipal incinerator fuel, 04374
waste discharges from Great Western Sugar Mill, Ovid, Colo., effects on water quality conditions in South Platte River, 11489
waste discharges, effects on water quality of Cache La Poudre and South Platte Rivers, 11488
waste source investigations–
Kingsport, Tenn., 11491
Missouri River and Papillion Creek, Omaha, Nebr., 11492
waterborne wastes of paint and inorganic pigments industries, 10846
see also Industrial wastes–Municipal wastes–Sewage–Waste disposal–Waste treatment–Waste water.
Waste storage tanks, *see* Waste disposal tanks.
Waste treatment:
activated sludge plant, 200 MGD, removes phosphorus by pickle liquor, 05328
activated sludge treatment systems with oxygen, 07764
air flotation, biological oxidation of synthetic rubber and latex wastewater, 06564
beef cattle feedlot waste management, environment protecting concepts, 06551
bio-disc treatment process for summer camp application, evaluation, 04369
chemical/physical and biological treatment of wool processing wastes, 07758
color removal from Kraft mill effluents by ultrafiltration, 06565
community phosphorous removal strategies, computer model for evaluating, 04356
construction of treatment works, equitable ratio for allocating funds to States–
law, 08344
report, 06255, 09143
cost of dissolved air flotation thickening of waste activated sludge at municipal sewage treatment plants, 11476
facilities planning, Federal water pollution control act, 06577
facilities planning, guidance, 07771
facilities using land application of wastewater, survey, 08268
high-level radioactive waste management alternatives, 10528
Maryland waste oil recovery and reuse program, 09999
modular wastewater treatment system demonstration for textile maintenance industry, 10842
municipal wastewater treatment facilities, estimating laboratory needs, 07093
neutralization processes to treat coal mine drainage, 07766
nitrogen removal from wastewater by ammonia stripping, 07761
nutrient removal processes recommended to Lake Erie Technical Committee, 07818
operator training conducted under PSC program, effectiveness evaluation, 11478
removing organic matter from drinking water, monitoring treatment processes, 09289
resource recovery and source reduction, second report to Congress, 07780
sewage treatment facilities, investigations–
Orange County, Calif., 10007
Santa Barbara, Calif., 10003
solid waste management in food distribution centers, 08277
technical assistance project–
Fort Collins Wastewater Treatment Facility, Fort Collins, Colo., 10875
Greeley Wastewater Treatment Facility, Greeley, Colo., 10866
Trinidad Wastewater Treatment Facility, Trinidad, Colo., 10869
Upper Eagle Valley Sanitation District Wastewater Treatment Facility, Avon, Colo., 10876
tertiary treatment with controlled ecological system, 07759
treating electroplaters cyanide waste by electrodialysis, 07739
treatment plants evaluation by tracer methods, 06048
Waipio stabilization ponds and surrounding area, investigation, 10005
wastewater treatment and reuse by land application, 01162
wastewater treatment facilities–
construction grants, project register, 05335
design, operation, and maintenance, Federal guidelines, supplement, 07094

Waste treatment–Con.
publicly-owned works, costs of construction, 08433
water pollution control in water utilities, information resource, final report, 07756
works, improving operation and maintenance, program, 10856
see also Industrial wastes–Municipal wastes–Waste products.
Waste water:
air flotation, biological oxidation of synthetic rubber and latex wastewater, 06564
bio-disc treatment process for summer camp application, evaluation, 04369
biological and related terms in water and waste water control, glossary, 11724
chemical/physical and biological treatment of wool processing wastes, 07758
chemical/physical and microbiological characteristics of typical bath and laundry waste water, 08736
domestic wastewater and NSSC pulp and paper mill wastes, treatment, 09282
emergency planning for municipal wastewater treatment facilities, 11805
facilities using land application of wastewater, survey, 08268
gas chromatography-mass spectrometry (GC-MS) analysis of organics in water, current practices, 01172
industrial reuse of renovated municipal wastewater, pilot-demonstration project, 00338
industrial waste pilot plant study, beet sugar refinery, waste water, 11728
industrial wastewaters, Red River Army Depot, Texarkana, Tex., 09271
laboratory ozonation of municipal wastewaters, 07765
maintenance management systems for municipal wastewater facilities, 11284
management and water pollution control, workshop for officials of local government, 11493
manpower requirements for wastewater collection systems in cities of 150,000 to 500,000 in population, 11285
metallic recovery from waste waters utilizing cementation, 07770
modular wastewater treatment system demonstration for textile maintenance industry, 10842
monitoring industrial wastewater, handbook, 03799
municipal wastewater treatment facilities, estimating laboratory needs, 07093
nitrification and denitrification facilities, wastewater treatment, 11269
nitrogen removal from wastewater by ammonia stripping, 07761
ocean outfalls and other methods of treated wastewater disposal in southeast Florida, 01180
operator training conducted under PSC program, effectiveness evaluating, 11478
organic nutrient factors effecting algal growths, 00326
ozone in water and waste water treatment, bibliography, 10133
physical-chemical treatment of raw municipal wastewater, 11482
pressure filtration of waste water sludge with ash filter aid, 00340
renovation, freezing and gas hydrate formation, 11725
start-up of municipal wastewater treatment facilities, 08878
technical assistance project–
Fort Collins Wastewater Treatment Facility, Fort Collins, Colo., 10875
Greeley Wastewater Treatment Facility, Greeley, Colo., 10866
Trinidad Wastewater Treatment Facility, Trinidad, Colo., 10869
Upper Eagle Valley Sanitation District Wastewater Treatment Facility, Avon, Colo., 10876
tertiary waste water treatment with controlled ecological system, 07759
treated wastewater, batch disinfection with chlorine at less than 1°C, 04364
treatment and reuse by land application, 01161-2
treatment plants–
evaluation, Henderson, Nev., 10006
national construction costs, EPA needs survey by States, hearings, 08430
publicly-owned costs of construction, 08433
waste source investigations, Holston Army Ammunition Plant, Kingsport, Tenn., report, 07775
waste water plant personnel, career development guidelines, 08547
waste water treatment construction grants, project register, 05335, 08554
wastewater agencies user charges and industrial cost recovery, Denver SMSA, 10880
wastewater, treatment facilities, design, operation, and maintenance, Federal guidelines, supplement, 07094
Waste water treatment plant operators, *see* Sewage plant operators.
Wasteproducts, *see* Waste water.
Wastewater, *see* Waste water.
Water:
American artist and water reclamation, 00617
analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
Arctic and subarctic regions, balance annotated bibliography and preliminary assessment, 01103
atmospheric water resources program, Project Skywater, annual report, 09600
availability of ground water for public-water supply in central and southern Escambia County, Fla., 00429
bank storage, Hungry Horse Reservoir, northwestern Montana, computer model, 10949
Basic and Applied Sciences Branch, Division of Water Supply and Pollution Control activities report, 11718
Beech Fork Lake, Beech Fork River, W.Va., selective withdrawal, 01144
biological and related terms in water and waste water control, glossary, 11724
bottled water study, 01147
channel control problem, application of minicomputer, 03727
chemical analysis of interstate carrier water supply systems, 05316
comprehensive water resources development prefeasibility program, Bicol River Basin, Luzon Island, Philippines, 04722
conservation, Nevada, 1973, report, 10427
determination of phosphate, nitrate and alkyl benzene sulfonates (ABS) with auto analyzer, 10385
digital-computer programs for analysis of ground-water flow, 00431

Water–Con.
drinking water–
removing organic matter, 09280
systems on and along national system of interstate and defense highways, pilot study, 08553
taste and odor problems in Grand Lake, Ohio, and Wabash River, Ind., preliminary study, 09321
early season snow report for Colorado, Jan. 1, 1974, water supply outlook, Federal-State-private-cooperative snow surveys, 10424
economics of clean water, 07731, 08516
effects of plugging deep artesian well on concentration of chloride in water in water-table aquifer at Highland Estates, Lee County, Fla., 00432
energetics of water binding in dehydrated foods at very low moisture levels with quality parameters, 04833
engineering evaluation of virus hazard in water, 09318
environmental health series, water supply and pollution control, 10379, 11723-5
evaluation of high-pressure water jet and joint preparation procedures for horizontal construction joints in concrete, 00321
evaluation report, water resources appraisal for hydroelectric licensing, 01206
Federal water information systems, 00433
fifth ocean, water resoruces of atmosphere, USSR study, 03496
flame emission determination of phosphorus in water, 01163
flow through snow, effects of stratigraphic layers, 01102
fresh, location and characteristics of interface between brine and fresh water in upper Brazos River basin, Tex., 04476
from coastal plain aquifers in Washington, D.C., metropolitan area, 10943
Girdwood-Alyeska area, Alaska, resources, 11539
Great Lakes, status report on levels–
hearings, 08435
ground water–
availability in Barre-Montpelier area, 00435
Colorado, chemical and spectrochemical analyses, 04461
conditions in Modesto, Calif., 07856
Indian Wells Valley, Calif., mathematical model, 07855
Merced, Madera, Fresno, Kings, and Tulare Counties, Calif., pumpage, 07850
pollution from subsurface excavations, 04377
resource of channelization of Sudbury River through Cedar Swamp, Westborough, Mass., effects, 04464
San Timoteo-Smiley Heights area, upper Santa Ana Valley, southern California, 07849
Santa Barbara and southern San Luis Obispo Counties, Calif., 07846-7, 11540
subsurface biological activity in relation to pollution, 04367
supplies in North Atlantic Region, 1970, cost analysis, 03409
use of finite-difference arrays of observation wells to estimate evapotranspiration from ground water in Arkansas River Valley, Colo., 01283
Vandenberg Air Force Base, Calif., conditions during 1969, 07848
White Sands Missile Range, N. Mex., Post headquarters and adjacent areas, 01270
Yolo, Sacramento, Solano, Sutter, Colusa, and Napa Counties, Calif., pumpage, 07851
Yucca Valley-Joshua Tree area, San Bernardino County, Calif., 07852
ground-water basin of upper Coachella Valley, Calif., analog model study, 10092
heated water, effects on aquatic life, research project, 08869
high temperature contact nucleation of supercooled water by organic chemicals, 08178
hydrologic conditions during 1971 in Dade County, Fla., 01257
hydrologic engineering methods for water resources development, hydrograph analysis, 05310
improved Federal and State programs needed to insure purity and safety of drinking water, GAO report, 06683
improvement of trout streams in Wisconsin by augmenting low flows with ground water, 05438
individual water supply systems, manual, 05908
infiltration from Miami Canal to well fields in Miami Springs-Hialeah area, Dade County, Fla., preliminary evaluation , 01262
influence of liquid waste disposal on geochemistry of water at National Reactor Testing Station, 10087
international cooperation in developing water resources, 05772
interstate, James River, North Dakota, South Dakota, summary report, 11747
inventory of interstate carrier, water supply systems, 06579
Land and water conservation fund act, amend–
law, 00098
report, 11430
legal compilation of statutes and legislative history, executive orders, regulations, guidelines and reports, 03324
logs, location and characteristics of interface between brine and fresh water from geophysical logs of boreholes in upper Brazos River basin, Tex., 04476
Lower Colorado region comprehensive framework study, 01533
medical aspects of cold water immersion, 07964
Michigan water resources enforcement and information system, 01186
monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage, 09690
motion of vehicle with lifting airfoils over rippled water surface, USSR study, 09391
municipal and industrial water requirements from Dry Creek, Russian River Basin, Calif., 11731
nitrogen sources and cycling in natural waters, 00325
North Atlantic regional water resources study, resources, 01511-3, 01515-8, 01520, 01522, 01524, 01527
Oklahoma Panhandle, records of selected water wells and test holes, 01269
operation and maintenance bulletin, 02740
organic substances in water (series), 01282
Pacific Northwest–
current discharge at selected stations, 01842

Water–Con.
new reports by Geological Survey, list, 02369
water resources summary, 02417-8, 11541
weekly water resources, runoff report, 02418
passive water barriers in single-entry mine for suppression of coal-dust explosions, 08705
pending water resource projects–
hearings, 09964
pollution of Yellowstone River as related to taste and odor problems in municipal water supplies, Montana and North Dakota, 10388
potential water salvage in Lake McMillan delta area, Eddy County, N. Mex., appraisal, 01252
Potomac River basin water supply interim report, 01141
pre-impoundment biological survey of Stockton Reservoir, Sac River, Mo., 09320
pressure bomb measurements indicate water availability in southwestern riparian community, 05392
project Hypo, intensive study of Lake Erie and related surface water phenomena, 00353
public works appropriations, 1974–
hearings, 00121, 03245
waiving point of order, report, 02969
public works appropriations, 1975–
hearings, 09049, 09813, 10683, 11392
publications pertaining to Colorado, 03413
quality management, Connecticut and Massachusetts portion of Thames, Connecticut and Housatonic River basins, 11219
quality of stream waters of White Cloud Peaks area, Idaho, (maps), 01280
rain, water resource, general information, 08617
reclamation era, water review quarterly, 02530
resource developments, feasibility investigations–
law, 04001
report, 00912
resources–
Alaska, developments and navigational improvements, hearings, 05181
appraisal for hydroelectric licensing, evaluation report, 01206
Baroda-Broach area, Gujarat, India, 04466
Big Sioux River valley near Sioux Falls, S. Dak.., 03419
Broward County, Fla., 00442
channel erosion surveys along proposed TAPS route, Alaska, July 1971, 05425
Charlotte County, Fla., 05416
Delmarv Peninsula, 03412
design for tomorrow, Souris, Red, Rainy Rivers, 00655
Federal reclamation projects, 03719, 05769-70
geohydrology of Tucson basin, Ariz., 08619
investigations series, 01280, 03414-6
Juneau, Alaska, city and borough, 01281
Kenai Soldotana area, Alaska, 05437
Lower Colorado region comprehensive framework study, 01533, 03699-712
Maryland, 11473
New Jersey part of Ramapo River basin, 03418
Nisqually Indian Reservation, Wash., 03417
North Atlantic regional water resources study, 01505-10, 01514, 01521, 01523, 01525-6, 01528, 03694
Palm Beach County, Fla., 01267, 04459
phreatophytes, bibliography, 10132
research, 1971 Federal program, 05780
Santee River basin, North Carolina-South Carolina, 10429
selected water resources abstracts, (periodical), 02587
soil conservation (periodical), 02599
South Dakota, 11545
St. Thomas, V.I., 04484
vector and vector-borne disease problems, 07294
water resouces review (periodical), 02741
White Snads Missile Range, 1972, annual review, 01251
resources data–
California, 07865, 10953-4
Georgia, 11544
Hawaii and other Pacific areas, 01276
Kansas, 00441
Little river basin, La., 10958
Missouri, 01277
Montana, 10955
New Mexico, 10956
New York, 10957
northern and central Florida streams, 00400
South Carolina, 01278
Texas, 01279
resources development act–
law, 08345
report, 03028, 03032, 08450
resources development, construction, repair and preservation of public works on rivers and for navigation and flood control–
hearings, 06306
resources investigations–
artificial-recharge experiments and operations on the southern high plains of Texas and New Mexico, 03416
Baroda-Broach area, Gujarat, India, geohydrologic reconnaissance and study plant, 04466
Colorado, publications, 03413
Palm Beach County, Fla., progress reports, 01267Safe drinking water act of 1973–
hearings, 07473
saline ground water feasibility of control of seepage, Meeker Well and other phenomena in vicinity of Meeker Dome, Rio Blanco County, Colo., 10872
saline water program, appropriations, 1975, authorize, report, 11386
semi-automatic extraction of organic materials, 10387
strategy paper, 01192
supply–
Cibolo Project, Tex., report, 11359
Colorado River, watershed conditions affecting, 02634
fall 1973 summary, Western United States, 04734
for fire protection, 03913, 10512
Kansas, program-evaluation, 11483
Nevada, fall summary, 03744
Potomac River basin, interior report, 01141
Soil Conservation Service's water supply forecast program, 04736
theater of operations water supply, feasibility of manufacturing and using plastic pipe, 05308
water sources, 03911
water-distribution systems, 03912, 07176

Water–Con.
supply and treatment, 07175
supply outlook–
Arizona, 02744
Colorado, 11242
Idaho, 02745
Montana, 02746, 03752
Nevada, 02747
Oregon, 02748, 03753
Utah, 02749
Washington State, 02750
Wyoming, 02751
surface water–
field evaluation of low-flow-rate carbon adsorption equipment and methods for organics sampling, 10386
quality, United States, 00443, 03420, 04485
supply 1966-70, United States, 00444-5, 01284
tentative analytical methods for cadmium, chromium and cyanide in water, 11750
test and supply wells in range areas, White Sands Missile Range, N. Mex., summary records, 01271
test-observation well near Paterson, Wash., description and preliminary results, 03415
toward cleaner water, new permit program to control water pollution, 08555
transmission of information under water, 08648
treating water containing rotenone preparation used in fishery management, 11733
turbulence, principles and measuring techniques of turbulence characteristics in open-channel flows, 00438
use by native grasses in high altitude Colorado meadows, 08274
vegetation in relation to depth in conservation area 3, Fla., 10952
Virgin Islands, 1962-69, records, 01275
water and land resource accomplishments, Federal projects, 1972, 01539
water balance in Arctic and subartic regions, annotated bibliography and preliminary assessments, 01103
water-data acquisition, recommended methods, 01268
water injectivity test, Dos Cuadras Field, Santa Barbara Channel, off California, 10086
water levels and artesian pressures in Chad basin of northeastern Nigeria, 01273
water resource systems analysis, selected annotated bibliography, 10131
water spectrum, issues, choices, actions (Perodical), 02742
Water supply outlook for western United States, including Columbia River drainage in Canada, 02752
water supply papers, 00443-5, 01282-4, 03418-20, 04485, 05438, 06708, 08618-20, 09345, 10090-2, 10958
water tables–
depth and growth of young cottonwood, 06659
raised tables affect southern hardwood growth, 06660
water-table tests of proposed heat-treansfer tunnels for small turbine vanes, 11110
water utilities, water pollution control, information resource, final report, 07756
see also Waste water-Water quality-Water temperature.
Water birds:
nematodes reported in waterfowl, key, 11243
waterfowl, Alaska hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
Water carriers:
barge mixing rule legislation of 1973–
law, 06167
report, 03230, 07474
bulk carriers in world fleet, oceangoing merchant type ships 1,000 gross tons and over (excludes vessels on Great Lakes.), 08689
revenue and traffic of class A and B water carriers, 01320
Water fowl, *see* Water birds.
Water heaters:
Federal item identification guide, 05246
Water pollution:
acid mine drainage treatment, applications of reverse osmosis, 07768, 09283
aerial spill prevention surveillance during suboptimum weather, 10831
Alaska Village Demonstration Projects, report to Congress, 06536
and quality management programs, Ala., Ga., Miss., Tenn.., 11756
Androscoggin River, N.H., Maine, 11738
animal feedlots as cause, control–
report, 09793
bacteriological investigations of upper South Platte River basin, 10868
bacteriological survey of Cache La Poudre River near Greeley, Colo., 10867
benefit of water pollution control on property values, 04383
benthic survey of Flat Creek and Salt River near Thayne, Wyo., 10871
Cache La Poudre and South Platte Rivers, effects of waste discharges on water quality, 11488
characteristics and pollution problems of irrigation return flow, 10822
clean water, report to Congress on Federal water pollution control act, 05317
combined sewer overflow seminar papers, 10843
community phosphorus removal strategies, computer model for evaluating, 04356
comprehensive control program for Alaska, 11720
comprehensive management of phosphorus water pollution, 10002
control and waste water management, workshop for officials of local government, 11493
control aspects of Chariton and Little Chariton River basin, 09591
control benefits and costs–
research needs and priorities, 05338
state of art review, 05337
control, EPA-DC pilot plant, 09286
control for Mississippi-St. Louis area drainage basin, comprehensive program, 09585
control from hydrographic modifications, 06539
control in water utilities, information resource, final report, 07756
control, intermedia aspects, 01185
controlling water pollution from agricultural nonpoint sources, methods and practices, 05909
convention on prevention of marine pollution by dumping of wastes and other matter, implement–
law, 10568
report, 03034, 10734

Water pollution—Con.
convention on prevention of marine pollution by dumping of wastes, implement provisions—
hearings, 04132
Dade County, Fla., major municipal waste sources pollution, 11490
distribution of metals in Baltimore Harbor sediments, 07728
economics of clean water, 08516
effects and methods of control of thermal discharges, 09241-2
environmental applications of advanced instrumental analyses, assistance projects, 04366
environmental health series, water supply and pollution control, 10379, 11723-5
facilities planning summary, title 2, Federal water pollution control act amendments, 06577
Federal water pollution control act, amend—
law, 08341, 08344
report, 03190, 06255, 09143
Federal water pollution control act amendments, statement of policy for implementing certain requirements, 01192
Federal water pollution control laws affecting food processing, historical guide, 07650
Federal water pollution research and demonstration progrsms on Great Lakes, cleaning North America's inland seas, GAO report, 06695
fluoride sampling and analytical methods, evaluation and modification, 07741
ground water pollution from subsurface excavations, 04377
ground water pollution, subsurface biological activity, 04367
in-process pollution abatement—
metal-finishing facilities, 08868
interstate pollution, conference proceedings—
Animas River, 11752-3
Bear River and tributaries, Idaho-Utah, 11748
Mohoning River, 11740
Monongahela River and its tributaries, 10959
North Fork Holston River, 10378
Potomac River in Washington metropolitan area, 11751
laboratory guide to fungi in polluted waters, sewage and sewage treatment systems, 11723
MARAD pollution abatement program, 09453, 11591
marine pollution from ships, IMCO conference—
hearings, 07483
Missouri River as aggravated by garbage dumping at Omaha, Nebr.,investigation, 11730
mouth of Savannah River, Ga., S.C., 11739
nomographs for thermal pollution control systems, 05327
nonpoint sources of pollutants, methods for identifying and evaluating nature and extend, 03325
ocean dumping in New York Bight, environmental assessment, 05295
organic contaminants in boundary waters using carbon filter techniques, Lake Huron and Lake Erie, 09594
Penobscot River and upper Penobscot Bay and their tributaries, conference proceedings, 10823
petroleum weathering, some pathways, fate, and disposition on marine waters, 06544
PHS water pollution surveillance system applications and development report, 10381-7
plumbing, cross-connection control manual , 04765
plume temperature measurements of shallow, submerged model stream discharges with current, 10839
pollution resulting from all construction activity, processes, procedures, and methods to control, 04381
pollutional effects of pulp and paper mill wastes in Puget Sound, 10057
processes, procedures, and methods to control pollution from mining activities, 06586
Raritan Bay and adjacent interstate waters, conference proceedings, 09332-3, 10824
salt water intrusion, identification and control, 00724
self-monitoring and reporting requirements, permit program guidance, 04380
sensor cleaning and field calibration, maintenance manual, 09319
sewage and industrial waste literature, review, 11741
slime in finished water samples, Savannah, Ga., report on identification, 10857
surveillance, specifications for slow speed telemetry system, 10863
toward cleaner aquatic environment, 01191
toward cleaner water, new permit program to control, 08555
trace metal water pollutants determined by X-ray fluorescence, 08173
treatment of hazardous material spills with floating mass transfer media, 06571
treatment processes for nutrient removal recommended to Lake Erie Technical Committee, 07818
upgrading metal-finishing facilities to reduce pollution, 08868
waste and bioassay investigations, 11754
waste oil study, 00160
waste source investigations, Holston Army Ammunition Plant, Kingsport, Tenn., report, 07775
waste treatment works, improving operation and maintenance, program, 10856
water pollution caused by operation of vessels—
report, 09325
water pollution control manpower development and training activities, 08515
waterborne wastes of paint and inorganic pigments industries, 10846
workshop on sample preparation techniques for organic pollutant analysis, 07784
Yellowstone River as related to taste and odor problems in municipal water supplies of Montana and North Dakota, 10388
see also Municipal wastes—Oil spills.
Water products, *see also* Waste water.
Water Program Operation Office:
technical bulletin, 07094
Water purification:
drinking water systems on and along national system of interstate and defense highways, pilot study, 08553
waste water renovation, freezing and gas hydrate formation, 11725
see also Waste treatment-Waste water.
Water purifiers:
installation, operation and maintenance, 11729

564-800 O - 75 - 32

Water quality:
achieving water quality goals, research and demonstration programs, what Federal government needs to do, GAO report, 06695
areawide water quality management, problems and approaches—
States reports, 06584-5
suggested representative or model legislation, 10000
bacteriological investigations of upper South Platte River basin, 10868
bacteriological survey of Cache La Poudre River near Greeley, Colo., 10867
Buckhorn Reservoir project, Contentnea Creek, N.C., health aspects report, 11727
Chesapeake Bay, Susquehannna River basins, 11735
Chicago and environs, water quality conditions, statement, 09593
comprehensive water pollution control program for Alaska, 11720
comprehensive water quality control program in New England, 09586
current measurements in Salton Sea using ERTS multispectral imagery, 04719
data acquisition system, specifications, 10391
data collection system Honeywell analog, field evaluation, 10383
dynamic forecasting and management, 01151
field water quality information along proposed trans-Alaska pipeline corridor, Sept. 1970-Sept.1972, 04465
Grand River, N. Dak.-S. Dak., interstate waters, 09595
Illinois River, measures for improving, 09592
investigations in South Platte River basin, Colo., municipal waste-source evaluations, technical appendix, 10877
Iowa, standards applicable to interstate waters subject to its jurisdiction, establish, 10059
James River, interstate waters, North Dakota, South Dakota, 11747
management programs, and water pollution, Ala., Ga., Miss., and Tenn.,, 11756
Miami International Airport, Miami, Fla., 01274
Middle Fork Feather River, Calif., 11543
Missouri River and Papillion Creek, Omaha, Neb., report, 11492
numerical and industrial water requirements, Bayou Dorcheat Reservoir, Ark., 09590
numerical criteria, comparison of NTAC, NAS and proposed EPA for water quality, 11474
Pembina River basin, water resources study, 11757
portable water quality monitoring system, general information, 09558
Potomac River, Washington metropolitan area, history of water quality problems and solution, 10820
preurbanization reconnaissance study of Lake Earl, Del Norte County, Calif., water quality, 07859
proposed criteria, 06587
proposed water quality information, 06588
quality standards summary, 10060-1
records, Montana, 10955
requirements of aquatic insects, 04358
South Platte River, effects of waste discharges from Great Western Sugar Mill at Ovid, Colo., 11489
specifications for integrated water quality data acquisition system, 10390
steam-electric plant air and water quality control data, summary report, 05363
surface waters of United States, 00443, 03420
upper Colorado River basin and its relation to reclamation projects, 08820
waste discharges, effects on Cache La Poudre and South Platte Rivers, 11488
water quality and related studies, Jacksonville area, Fla., 11542
water quality data from Truckee and Carson Rivers, Pyramid Lake, and Lahontan Reservoir, working paper, 08559
Water quality plant air and water quality control data, summary report, 05363
water supply and pollution control aspects of Chariton and Little Chariton River basins, 09591
water temperatures, California streams, Tulare basin and San Joaquin subregions, 09346
Water repellency:
new hydrophobic sections in region of esterase center of cholinesterase, USSR study, 03494
Water Resources Council:
public works appropriations, 1974, waiving points of order, report, 02969
public works appropriations, 1975—hearings, 09813
views and comments on final report of National Water Commission—hearings, 07532
Water Resources Research Office:
Cooperative water resources research and training, 1973, annual report, 06732
Water Resources Scientific Information Center:
selected water resources abstracts (periodical), 02587
WRSIC series, 10130-3
Water supply, *see* Water.
Water Supply and Pollution Control Division:
information retrieval, progress report, 11734
Water systems:
automation, current information on Reclamation water systems, report, 04725
drinking water systems on and along national system of interstate and defense highways, pilot study, 08553
individual water supply systems, manual, 05908
water and sewage bond sales in United States, 11755
water-distribution system, water supply, 03912, 07176
Water tables, *see* Water.
Water temperature:
effects of salinity and temperature on commercial shrimp, Penaeus aztecus Ives, study, 09990
heated cooling water plume temperature measurements of shallow, submerged model discharges with current, 10839
meteorological effects on microwave apparent temperatures looking downward over smooth sea, 03589
river temperatures, Pacific Northwest, 02559
sea surface energy and temperature analysis, USSR study, 05541
soil and water temperatures annual cycle at Hubbard Brook, 00397
timber-harvesting effects on steam temperatures, literature review, 08589
water temperatures of California streams—central coastal subregion, 07866
Sacramento basin subregion, 07867

 Do not order from index; see indicated entry

Water treatment devices:
hypochlorination of polluted stormwater pumpage at New Orleans, 06568
Water vapor:
nu-averaged infrared absorption coefficients of water vapor, 01480
Waterborne commerce, *see* Commerce.
Waterbury, Conn.:
flood plain information, 07689
Watercraft, *see* Boats.
Waterfowl, *see* Ducks.
Watergage investigation:
alleged involvement of Central Intelligence Agency in Watergate and Ellsberg matters–
hearings, 06276
full Committee consideration of report of Intelligence Subcommittee regarding G. Gordon Liddy–
hearings, 06274
grand jury of District Court for District of Columbia of June 5, 1972 extend life–
law, 04993
Presidential campaign activities of 1972–
hearings, 04250-3, 05176-80, 08505
hearings and final report, print additional copies, authorization, report, 09171
special prosecutor and Watergate grand jury legislation–
hearings, 05077
statement of information submitted on behalf of President Nixon in impeachment inquiry events following Watergate break-in–
hearings, 09090
submission of recorded Presidential conversations to House Judiciary Committee by President Richard Nixon, 07010
Watergate grand jury, extension–
report, 04062
Waterloo, Iowa:
area wage survey, 06801
Waterman Canyon:
artificial recharge in Waterman Canyon-East Twin Creek area San Bernardino County, Calif., 11535
Wateroak, *see* Oak.
Waterproofing:
waterproof marine ventilation system for dry freight shipping van containers, 05946
Waters, Linda J., *see* Dickson, Linda J..
Watersheds:
experimental agricultural watersheds in United States, 1967, hydrologic data, 04788
for the fun of it and then some', recreation and community growth through small watershed projects, 07124
pending projects–
hearings, 04257
projects, 1973–
hearings, 07446
projects, miscellaneous–
hearings, 06268
sediment production from semiarid watershed in Southwest, 04439
Watertown, Conn.:
flood plain information, 07689
Watervliet Arsenal, N.Y.:
solid waste generation and disposal, 05307
Waterways Experiment Station:
contract report, 01143, 07712, 09990
instruction reports, 00317, 10815
miscellaneous papers, 00318, 06529-31, 07713-6
technical memorandum, 10816
technical reports, 00319-21, 01144-5, 05311-3, 06532-5, 07717-8, 08539, 09991, 10817-9
Wave forms:
observed statistical behavior of radar moon echo signals, 11208
Wave guides:
non-ideal sliding short to two-port wave guide adaptor loss measurement, application, 06917
Wave meters:
Alpine wave meter, general information, 01485
Wave numbers:
wind roughened sea surface, elevation slope and curvature wave number spectra, 08019
Wave Propagation Laboratory:
NOAA technical report, ERL-WPL series, 04681, 06980, 01480
Waveforms, *see* Wave forms.
Waveguide couplings, *see* Couplings.
Waveguides:
all-Union radio day scientific meeting, 09429
applications of waveguide and circuit theory, to development of accurate microwave measurement methods and standards, 03634
Federal item identification guide, 07599
Waves:
acoustic radiation patterns for source in hard-walled unflanged circular duct, 06868
artificial earth satellites used for measuring, USSR study, 11012
concrete armor units for protection against wave attack, 07713
determination of ocean surface descriptors using sea photo analysis techniques, 01500
FORTRAN programming for surface wave trains, 05732
loads in model of SL-7 containership running at oblique headings in regular waves, 11228
motion of vehicle with lifting airfoils over rippled water surface, 09391
optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
portable wave recorder, general information, 09556
surface and internal waves, USSR study, 04541
wave and tide monitor, model 9010, 11693
wave spectrum and windspeed as descriptors of ocean surface, 07003
see also Breakwaters–Earth shock–Pulse waves.
Ways and Means Committee, House:
calendar, 02222
committee prints, 00169-70, 00175, 00216, 04152, 05093, 07451-5, 09126-7, 09129-32, 09860-3, 10591-2
hearings, 00168, 00171-3, 00177, 00947-53, 04151, 04153, 06310, 07456-7, 08443, 09128, 10715
investigations and studies–
authorization and expenses, report, 10644
public hearings, 00174
report, 03066, 03068, 07378-9, 09037-8, 09040, 09781-3, 09791-2, 10661, 10665
Wealth:
personal wealth, 1969 income statistics, 03455
Weapons:
atomic weapons, design of structures to resist effects of atomic weapons, weapons effects data, 03919-21

Weapons–Con.
cartridges, Federal item identification guide, 07614
cost growth in major weapon systems, GAO report, 00422
financial status of selected major weapon systems, Defense Department acquisition, GAO report, 01246, 06681
nuclear weapons–
accident hazards, precautions, and emergency procedures, guidance and information, 04897
emplacement on seabed and ocean floor and in subsoil thereof, treaty, 03899
review of testing and evaluation policies and procedures, GAO report, 10937
tolerance limits for Maxwell distribution with emphasis on SEP, 05747
tolerance limits for Rayleigh (radial normal) distribution with emphasis on CEP, 05746
Weather:
aerial spill prevention surveillance during suboptimum weather, 10831
daily weather and river bulletin–
Albuquerque, N. Mex., 01857
daily weather maps, weekly series, 01858
dry and wet weather flows, utilization of trickling filters for dual treatment, 06570
maps, synoptic, Northern Hemisphere, 01855
mariners weather log (periodical)., 02275
monthly weather review, 02325
motion and morphology of dryline, 11183
on earth and solar corpuscular streams, USSR study, 08663
predicting avalanche intensity from weather data, statistical analysis, 04447
Project Gulf Q, Phase III, characterization of maritime cumulus clouds, 08179
service C, schedules, 08561, 09294
ship stress and environment data, computer programs for digitizing and using of library tapes, 07027
short-term weather phenomena, research–
hearings, 08441
weather and crop bulletin (periodical), 02785
weather radar, introduction, 08808
weather radars, Federal plan, 06972
worldwide marine weather broadcasts, 08162
see also Meteorology–Weather forecasts.
Weather control:
atmospheric water resources program, Project Skywater, annual report, 09600
fifth ocean, water resources of atmosphere, USSR study, 03496
lightning suppression by chaff seeding, 10323
military weather modification activities, prohibit–
report, 00987
outline of Bayesian approach to EML multiple cloud seeding experiments, 00590
radar in weather modification and hail control, USSR study, 03500
seedable upslope cloud systems in High Plains, some climatological characteristics, 03669
weather modification, summary report, fiscal year 1972, 06989
Weather forecasts:
average monthly weather outlook (periodical), 01669
high seas storm information service, 08807
internal RAREP, radar report, and warning coordination system (RAWARC), 11699
marine weather services, 05720
national severe local storms operation plan, 08144
numerical weather prediction activities, National Meteorological Center, 04694
ways of improving agrometeorological forecasting, USSR study, 11005
weather forecasting, USSR study, 05532
worldwide marine weather broadcasts, 08162
Weather modification, *see* Weather control.
Weather Modification Program Office:
NOAA technical report, ERL WMPO series, 01478-80
Weather soundings, *see* Satellites.
Weather stations:
National Weather Service offices and stations, list, 08809
North Atlantic Ocean stations protocol, amending, agreement, 00689
Weathering:
petroleum weathering, some pathways, fate, and disposition on marine waters, 06544
Wechsler intelligence test, *see* Mental tests.
Wedges:
low-frequency propagation in composite region of wedge and 2 parallel plates, 10357
unsteady Mach reflections and Prandtl-Meyer supersonic flows, calculation of interaction of traveling shock wave with wedge, 05745
Weeds:
control of Johnson grass as weed, 02813
Federal noxious weed act–
hearings, 05049
Weekly, *see* Government publications.
Weevils:
boll weevil eradication program, review–
hearings, 06263
selected boll weevil suppression techniques integration in eradication experiments , 02820
white-pine weevil injury, sampling plantations, 06649
Weighers (dispensers):
model state weighmaster law, 05646
Weight (mass):
mass and mass values, 08091
Weightlessness:
effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
spaceship dockings and problems of weightlessness, USSR study, 06787
see also Zero-gravity.
Weights and measures:
commercial specifications, tolerances, and other technical requirements, 06904
helicopter gross weight and center of gravity measurement system, 06021
model state weighmaster law, 05646
model state weights and measures law, 1973, as adopted by national Conference on Weights and Measures, 09513
model weights and measures ordinance, 03630
outlines for commercial weghing and measuring devices, examination procedure, 00557
see also Metric system.
Weights and Measures, National Conference On, *see* National Conference on Weights and Measures.
Weiss, Abraham:
nomination–
hearings, 10781
Welded joints, *see* Joints.
Welding:
effect of weld defects on RFI shielding effectiveness, 06493
explosives applied in welding and polymerization, USSR study, 06774

Welding–Con.
miscellaneous welding, soldering, and brazing supplies and accessories, Federal item identification guide, 01075
welding and heat treating equipment, Federal item identification guide, 06445
Weldon, N.C.:
flood plain information, 06507
floods, 06514
Welds, *see* Joints.
Welfare, *see* Public welfare.
Welfare funds:
employee pension and welfare benefit plan–
statements of interested orgaizations and individuals, 09132
strengthen and improve protection and interests of participants, report, 10620
strengthen and improve protection and interests of participants, summary of Senate bill, 09206
welfare and pension plans, administrative expenses, 09437
Welfare and pension plans disclosure act, amend–
fiduciary and enforcement, 10592
regulations and interpretative bulletins, 04562
report, 05032
summary of differences between Senate and House versions of H.R. 2, 09735
termination insurance, reporting and disclosure, 10591
Welfare work, *see* Social work and problems.
Well drilling:
selected water wells and test holes in Oklahoma Panhandle, records, 01269
Wells:
municipal wells, Modesto Calif., data, 11536
preliminary evaluation of infiltration from Miami Canal to well fields in Miami Springs-Hialeah area, Dade County, Fla., 01262
records of selected water wells and test holes in Oklahoma Panhandle, 01269
test and supply wells in range areas, White Sands Missile Range, N. Mex., summary records, 01271
test-observation well near Paterson, Wash., description and preliminary results, 03415
use of finite difference arrays of observation wells to estimate evapotranspiration from ground water in Arkansas River Valley, Colo., 01283
see also Artesian wells.
Wells, Russell G.:
relief, 11363
Weltner, Howard A.:
relief, 03244
Weminuche Wilderness area:
designate in Rio Grande and San Juan National Forests, Colo.–
hearings, 04212
Wenchow, China:
synoptic meteorological observations, 11707
Wendt, Michael J.:
relief, 00834, 00858, 00976
Wentz, James A.:
relief, 11365
West, Lee R.:
nomination–
hearings, 09195
West (U.S.):
American artist and water reclamation, 00617
Federal-State-private cooperative snow surveys, snow survey and soil moisture measurements for Western U.S. including Columbia River drainage in Canada, 04735
fresh fruit and vegetable unloads, 09659
national airport system plan, 1972, western region, 04405
postal service, status, hearings, 05079
systematics of subterranean amphipod genus Stygobromus (Gammaridae) Western U.S. species, 09609
water supply outlook for Western United States, including Columbia River drainage in Canada, 02752
water supply, fall 1973 summary, 04734
West Africa, *see* Africa.
West Coast, *see* Pacific Coast.
West Fork Des Moines River, *see* Des Moines River.
West Indies:
climatological data, 01764
sandflies of genus Culicoides (Diptera: Ceratopogonidae), 07130
West Palm Beach, Fla.:
area wage survey, 07941
West Plains, Mo.:
flood plain information, 06503
floods, 06526
West Virginia:
Agricultural Stabilizaiton and Conservation Service, annual report, 00715
census portrait, 08933
climatological data, 01765
local rail service zone, Secretary of Transportation report, 04756
precipitation data, hourly, 02135
registry of minority contractors and housing professionals, listing in selected cities, 00452
southern, chemical properties and particles-size distribution of 39 surface-mine spoils, 06669
West York Island:
synoptic meteorological observations, 11799
Westborough, Mass.:
ground-water resource of channelization of Sudbury River through Cedar Swamp, effects, 04464
Western Environmental Research Laboratory:
annual report, 10881
Western Europe, *see* Europe.
Western Hemisphere, *see* Hemisphere, Western.
Western Marketing and Research Division:
publications and patents, semiannual list, 10492
Western redcedar, *see* Cedar.
Western Regional Research Center:
publications and patents, semiannual lists, 00006, 05925
Western States, *see* West (U.S.).
Western white pine, *see* Pine.
Westland Shoe Corp., Biddeford, Maine:
footwear for men and women, Tariff Commission report, 11262
Wetlands, *see* Swamplands.
Wettability:
use of centrifugal measurements of wettability to predict oil recovery, 11064
Whales:
functional anatomy of all vital systems of organs, USSR study, 08646
whales and dolphins, mode of life, USSR study, 08646-7

Whaling:
international observer scheme, agreement, with Japan, 00669
Wharton County, Tex.:
soil survey report, 11241
Whatman-41 filters, *see* Filters and filtration.
Wheat:
alternative winter wheat objective yield unit sizes, 07063
Azerbaydzhan wheats, catalogue, USSR study, 11563
brown rust, USSR study, 07910
crop production, winter wheat, 05858
development of wheat varieties and agricultural equipment, USSR study, 08665
futures, commitments of traders, 01790
growing problems, USSR study, 11570
international wheat agreement, 1971, protocol for extension, 09878
large cotton, feed grain, and wheat farms, number and importance, 03310
Mironovskaya wheats, USSR study, 11573
one centner of grain in 15 minutes of harvesting, USSR study, 11010
sale of stored excess wheat, permit–
hearings, 04080
spring and winter wheat varieties, USSR study, 01331, 05513
virulence genes in agents of brown and yellow wheat rusts, identification, USSR study, 05516
wheat and milled wheat products, Tariff Commission report, 07080, 08867
wheat situation, 02786
winter wheat, USSR study, 03512
Wheatland County, Mont.:
conservation needs inventory for land resource planning, 03743
Wheatland, N.Y.:
flood plain information, 06506
floods, 07703
Wheeler County, Ga:
soil survey report, 08847
Wheeler Reservoir:
fish inventory data, 10470
Wheels:
investment cast turbine wheel, automotive gas turbine economic analysis, 08542
rotary brushes and buffing wheels, Federal item identification guide, 04292
Whey:
whey-soy-drink mix for human consumption, cost, 11296
Whiskey Creek:
floods in Orofino, Idaho, Orofino Creek and Whiskey Creek, 00306
Whitaker, Meade:
nomination–
hearings, 11433
White Cloud Peaks area:
Idaho, quality of stream waters, (maps), 01280
White House, *see* Executive Mansion.
White House Conference on Aging:
post, towards new attitude on aging–
reports, 01006
White House Conference on Education:
create, report, 10739
White House Conference on Industrial World Adhead:
press releases, 02495
White House Conference on Library and Information Sciences:
authorize, hearings, 01045
President to call in 1976, authorize and request–
report, 03237
proposal to convene in 1976–
hearings, 06292
White House Office, *see* President of United States.
White Mountain National Forest:
acquisition of adjacent land in New Hampshire–
hearings, 06267
White pine, *see* Pine.
White race, *see* Caucasion race.
White River:
flood plain information, 07698
White River National Forest:
designate as part of Eagles Next Wilderness–
report, 00998
designate as part of Flat Tops Wilderness–
report, 01000
White River National Wildlife Refuge:
addition to National Wilderness Preservation System, proposal, 06221
White Sands Missile Range, N. Mex.:
annual water-resources review, 01251
apparent 7-day period in visibility data, 04825
ground-water data, post headquarters and adjacent areas, 01270
test and supply wells in range areas, summary records, 01271
White-winged doves, *see* Doves.
Wholesale prices, *see* Prices.
Wholesale trade:
census, publication program, 03943
sales and inventories, current business reports, 01839
selected food wholesalers in urban food distribution centers, handling and space costs, 04782
wholesale data sources for market analysis, bibliography, 03306
wholesaling, bibliography, 08833
WIC (special supplemental food program for women, infants, and children), *see* Nutrition.
Wichita Indians:
reading list, 01306
Wicking materials:
wicking of liquids in screens, 10257
Wilbraham, Mass.:
flood plain information, 07687
floods, 07702
Wild animals, *see* Wildlife.
Wilderness areas:
Big Bend National Park, Tex., 05713
designate certain lands as wilderness areas–
report, 09789
designate certain lands in more populous eastern half of U.S. as wilderness areas–
hearings, 04216
report, 10730
designate certain lands in Shenandoah National Park, Va.–
report, 00991
designate Flat Tops Wilderness, White River and Routt National Forests in State of Colorado–
report, 01000
designate, hearings, 00937
designate, Lone Peak Wilderness Area–
hearings, 07529
designate, Okefenokee National Wildlife Refuge, Ga.–
report, 10631

Wilderness areas–Con.
Eagles Nest Wilderness, Arapaho and White River National Forests, in State of Colorado, designate–
report, 00998
Farallon National Wildlife Refuge, designation of portion as wilderness area–
report, 09778
National Wilderness Preservation System, review–
hearings, 08377
studies related to wilderness primitive areas , 00430, 05417, 05423
vegetation data collection in temperate forest research natural areas, 04443
Wilderness act of 1964, amend–
hearings, 07536
wilderness recommendation, 05713
Wildfires, *see* Forest fires.
Wildflowers, *see* Flowers.
Wildlands, *see* Land.
Wildlife:
code of Federal regulations, 10045
conservation and development of our Nation's fish and wildlife resources, environmental quality, and oceanography, compilation of Federal laws, 00153
conservation programs on military and other Federal lands–
report, 10748
departmental briefings–
hearings, 00941
Endangered and threatened species conservation act–
law, 06171
endangered species–
hearings, 09200
Hagerman National Wildlife Refuge, 05808
Havasu National Wildlife Refuge, 05809
miscellaneous bills, hearings, 07435
special scientific reports, wildlife series, 00657, 05813, 07042, 08224-6, 10437, 11244
threatened wildlife of United States, 03757
wildlife review, abstracting service, 02789
Wildlife management:
game management of Federal lands–
hearing, 00152
Wildlife refuges:
national wildlife refuges–
hearings, 07435
Willamette River:
flood plain information, 07699
floods, Harrisburg, Oreg., 06522
William Volker Co.:
motor carrier accident report, 00537
Williamson Creek:
flood plain information, 07700
floods, 06525
Wilmington, Del.:
model cities program, comparative analysis of 2d round planning years, 03430
Wilson, Woodrow:
papers, index, 05563
Wilt diseases, *see also* Verticillium wilt.
Wind, *see* Winds.
Wind tunnels:
dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
full-scale wind-tunnel investigation of effects of slot spoilers on aerodynamic characteristics of light twin-engine airplane, 01406
hypersonic boundary-layer transition and effects of wind-tunnel disturbances, 08728
optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
wind-tunnel roll-damping measurements of winged space shuttle configuration in launch attitude, 06875
see also Expansions tubes.
Windfall:
administration emergency excess windfall profits tax–
hearings, 07457
emergency windfall profits tax, summary of testimony, 09863
Windings, *see* Electric coils.
Windom, Minn.:
floods on West Fork Des Moines River and Perkins Creek, Windom, Minn., 00311
Windows:
Apollo experience report, spacecraft structural windows, 03612
cleaning, 03865
complex permittivity measurements during high temperature recycling of space shuttle antenna window and dielectric heat shield materials, 01391
computer program to determine possible daily release window for sky target experiments, 11650
Winds:
balloon tethered in wind stability analysis and trend study, 01403
circulation and dust content in Venusian atmosphere found from wind velocity measurements, USSR study, 10990
control system to alleviate aircraft response to horizontal and vertical gusts, 06858
earthquakes and windstorms, design, siting, and construction of low-cost housing and community buildings to better withstand, 06903
effects of vertical wind on tactical rockets and artillery shells, 04824
meteorological episodes of slowest dilution in contiguous United States, 07736
optimum wind soundings and Army fallout prediction accuracies, 03904
wave spectrum and windspeed as descriptors of ocean surface, 07003
wind roughened sea surface elevation, slope and curvature spectra, 08019
Windshields:
Army helicopter transparent enclosures, development of design, test and acceptance criteria, 07186
Wine:
alcohol summary statistics, 04812
State imposts on interstate wine, prohibit–
hearings, 08483
report, 00909
Wing-body combinations, *see* Airplanes.
Wing fuselage combination, *see* Spacecraft.
Wingra, Lake:
biological investigations, 01153
Wings (aircraft):
aerodynamic characteristics of finite-span wing with flap moving near shield, USSR study, 09394
computation of aerodynamic characteristics of rectangular wing, 01324
computer-aided space shuttle orbiter wing design study, 11124
effect of profile shape on aerodynamic characteristics of wing near shield, USSR study, 09396

Wings (aircraft)–Con.
F-8 aircraft with supercritical wing, extraction from flight data on longitudinal aerodynamic coefficients, 09502
fan-in-wing VTOL configuration, performance, 08731
flutter analysis and testing of pairs of aerodynamically interfering delta wings, 03593
gyro-less wing leveler and diectional autopilot, 08729
ice protection investigation for advanced rotary-wing aircraft, 04876
influence of wing loading on turbofan powered STOL transports with and without externally blown flaps, 03588
interdisciplinary rotary-wing aircraft analysis, application to prediction of helicopter maneuver loads, 10514
investigation of maneuverability of S-67 winged helicopter, 00041
jets blown over wing, exploratory investigation of effects, 06870
leading edge of swept wing at Mach 2.2, pressure measurements, 11127
maneuverability effects on rotor/wing design characteristics, 07202
rotor/wing design characteristics, maneuverability effects, analysis, 08894, 10516
transonic single-mode flutter and buffet of low aspect ratio wing having subsonic airfoil shape, 08052
unsteady motion of wing with variable distance from barrier, USSR study, 08669
wing devices for attenuation of trailing vortices, evaluation based on model tests, 08710
wing of arbitrary aspect ratio near barrier, USSR study, 09399
Winnema National Forest:
inclusion of lands held in Trust for Klamath Indians–
law, 00108
Winstead, Luther V.:
relief, 00898, 02928, 03126
Winter:
anomalous radio wave absorption days at 32°N latitude and prevalent solar radiation, 04827
Arctic winter games, authorization appropriations–
hearings, 00140
law, 04006
report, 03045
construction, bibliography, 10812
winter USA, staying warm and saving money, 06470
Winter wheat, *see* Wheat.
Wire:
design of wire tensioning device, 02845
Federal item identification guide, 07600
LMFBR fuel and blanket wire wrapped rod bundle assembly design, review of studies, 07227
metal bars, rods, wires, sheets, plates, and shapes, Federal item identification guide, 07607
radiation and scattering by thin-wire structures in complex frequency domain, 11088
shapes, inventories, current industrial reports, 00770, 01846
simplified approach for predicting temperature distribution in wire wrapped assemblies, 07228
see also Electric wire and wiring–Wire rope.
Wire mills:
shapes, inventories, current industrial reports, 00770, 01847
Wire rope:
corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
effective wire rope clip installation, establishing standards, 01377
Wireworms:
transmission consisting of rolled wire worm and spiral evolute gear, USSR study, 08654
Wiring, *see* Electric wire and wiring.
Wisconsin:
census of transportation, 1972, truck inventory and use survey, 10535
census portrait, 08934
climatological data, 01766
electric rate book, 03346
impact of Federal policies on employment, poverty, and other programs–
hearings, 00235, 04237
improvement of trout streams in Wisconsin by augmenting low flows with ground water, 05438
mineral industry, minerals yearbook chapter, 11622
Pine-Popple River basin, hydrology of wild river area, northeastern Wisconsin, 08620, 10091
precipitation data, hourly, 02136
registry of minority construction contractor and housing professionals, listing, 00454
rivers, designate certain ones for addition to national wild and scenic rivers system–
hearings, 04229
town sanitary districts, legal powers, characteristics and activities, 09652
Wisconsin River:
designate segment for possible inclusion as part of wild and scenic river systems–
report, 03158
Witchcraft:
and medicine, 1484-1793, exhibit at National Library of Medicine, 11175
Withholding tax, *see* Income tax.
Wives, *see* Husbands and wives.
WMATA, *see* Washington Metropolitan Area Transit Authority.
WMPO, *see* Weather Modification Program Office.
Wolf Trap Farm Park for Performing Arts:
general information, 01495
Wolves:
number in Superior National Forest of Minnesota, 07828
Women:
affirmative action programs for women, survey of innovative programs, 06599
Air National Guard, Guard belongs, great field for a woman, 03659
Armed Forces, uniform original enlistment qualifications for male and female persons, establish–
law, 10583
by number of children ever born, census of population, 02867
Coast Guard Reserve, enlistment and commissioning, provide–
law, 06156
report, 03001, 06326
control force limits for female pilots, 10532
economic problems of women–
hearings, 04030-2

Women–Con.
educational equity through special programs and activities–
hearings, 07397
employment, Federal Government, 1972, study, 04955
equal pay, 05907
facts about mongolism for women over 35, 08772
Federal laws prohibiting sex discrimination, guide, 08320
Federal women's program, eight essential obligations, manager's guide, 03981
in labor unions, 03541
Junior Reserve Officer Training program, permit female participation–
law, 06155
report, 03024, 06323
manufacturing women quit rates revisited, 08683
twenty-five years ago they would have given us some dumb reasons for not smoking (poster), 08958
Uncle Sam wants you, 09446
WIC program, women, infant and children feeding program–
maternal, fetal, and infant nutrition, 1973, hearings, 06404
to save the children, nutritional intervention through supplemental feeding, 06406
women & work, news from Department of Labor, 02790
women workers today, 04766
Women's educational equity act–
hearings, 07564
years for decision, longitudinal study of educational and labor market experience of young women, 11038
Women's Bureau:
Director, nomination of Carmen R. Maymi, hearing, 01036
leaflet, 08269
Women's clothing, *see* Clothing.
Women's Educational Programs Council, *see* Council on Women's Educational Programs.
Women's Equality Day:
designate–
law, 00111
Wood:
American wood–
American holly, 03388
birch, 04424
flowering dogwood, 04425
hickory, 04426
incense-cedar, 03389
jack pine, 03390
ponderosa pine, 03391
sweetgum, 05389
western redcedar, 03392
western white pine, 03393
American woods, 03388-93, 04424-6, 05389
decay in houses, how to prevent and control it, 07115
home preservation treatment of fence posts, 07082
machining abstracts, 1970 and 1971, literature, 00418
primary wood-product industries of southern New England, 05409
segregation of wood and bark chips by differences in terminal velocities, 04441
Wood supply and national forest lands investment act–
hearings, 01008
see also Hardwoods–Lumber.
Wood pulp:
current industrial reports, 01846
pulpwood production in 1971, Northeast, 01242
pulpwood production in North Central region, 1971, by county, 04448
pulpwood production in North Central region, 1972, by county, 07834
pulpwood production, 1972, Northeast, 07835
pulpwood, test of photographic method for determining cubic-foot volume, 06645
southern pulpwood production, 06671
Wood River and Valley:
resource area council of governments, resource conservation and development project plan, Idaho, 08849
Woodcock:
hunting, possession, transportation and importation, 1973-74, Federal regulations, 00656
hunting seasons, limits, and shooting hour schedules, Federal regulations, 04740
status report, 00657, 11244
Woodpeckers:
calling sapsuckers and finding their nesting territories, 08597
Woodrow Wilson International Center for Scholars:
appropriations, 1974–
law, 02944
report, 03006
waiving points of order, report, 02968
Woods, *see* Timber.
Woodsy Owl:
prevent unauthorized manufacture and use of character–
report, 10649
Woodward County, Okla.:
recreation potential appraisal, 11234
Woodwork :
how to clean woodwork, 03864
Woodworking machinery:
and equipment, Federal item identification guide, 04313
Wool:
and mohair, 10453
broadwoven goods, current industrial reports, 01847
consumption on woolen and worsted systems, current industrial reports, 01846, 02872, 10541
foreign agriculture circulars, 02039
futures trading and open contracts, 02055
market news, weekly summary and statistics, 02254
perspective on '73 (address), 00015
processing wastes, chemical/physical and biological treatment, 07758
production, price and value, 11255
stocks of wool and related fibers, current industrial reports, 03947
tables depicting United States foreign trade, 10398
tariff schedules of United States annotated, correlation textile and apparel categories, 06456
trade in wool and man-made fiber textile products with Macao, agreement with Portugal, 01574, 04749
wool and man-made fiber textile products, trade agreement with–
Hong Kong, 05826
Japan, 07053
wool program, 1972 marketing year report, 03843
wool situation, 02791

Worcester County, N.Y.:
soil survey report, 00652
Worcester, Mass.:
area wage survey, 00524
Work:
bonus to low-income heads of families equal to 10 percent of their wages under social security, 00209
fully proceduralized job performance aids, Air Force–
draft military specification for organizational and intermediate maintenance, 09671
JPA developers handbook, 09672
JPA managers and training specialists handbook, 09673
how income supplements can affect work behavior, 06208
improved work directors for program instructions of fabricated wire assemblies, 07215
job performance aids and related training, 05966
journey to work, 03938
simplification handbook for analysts, 05996
Skylab experiments, living and working in space, information for teachers, 04614
women & work, news from Department of Labor, 02790
work incentive program–
AFDC recipients, assessments completed and referrals to manpower agencies by welfare agencies, 01664
annual report, 09131
work incentives and public welfare, theory and practice, studies in public welfare, 09010
see also Employment-Work measurement.
Work injuries, *see* Work.
Work measurement:
standardization of work measurement, 03295
Work release of prisoners, *see* Prisons and prisoners.
Work stoppages, *see* Strikes and lockouts.
Workbooks:
workbook for determining your disaster loss, 03465
Workers, *see* Government officials and employees–Labor .
Workforce, *see* Labor.
Working mothers, *see* Mothers.
Workmen's compensation, *see* Employers' liability and workmen's compensation.
Workplaces:
slow progress likely in development of standards for toxic substances and harmful physical agents found in workplaces, HEW and Labor Department, 01245
Workshops:
expansive clays and shales in highway design and construction, 06607-8, 06610
international, hemopoiesis in culture, 08762
offshore nuclear power siting workshop deliberations and research recommendations, 10527
patient education programing, 01285
selling to industry, for sheltered workshops, 01540
sheltered policies, organization and service activities, statement of principles, 01100
United States-Australia Rangelands panel plant morphogenesis as basis for scientific management of range resources, 05948
water pollution control and waste water management, workshop for officials of local government, 11493
World, *see* Earth.
World affairs, *see* International relations.
World Bank, *see* International Bank for Reconstruction and Development.
World Health Organization:
international health regulations, amendments, agreement, 11781
World peace, *see* Peace.
World Tourism Organization:
report, statutes, 00964
statutes, message from the President, 00183
World trade, *see* -Commerce.
World War 1914-18, *see* European War 1914-18.
World War, 1939-45:
communications during Great Patriotic War, USSR study, 11022
German field commands, guide to microfilmed records, 11676
Soviet Armed Forces finance services, USSR study, 09388
Trust Territory of Pacific Islands damages, enlarge class of persons eligible to receive claims benefits–
hearings, 01033
law, 02951
reports, 03159
United States Army in World War II, 07966
veterans of nations allied with United States in World Wars I and 2, provide benefits–
hearings, 00167
Worsted:
consumption on woolen and worsted systems, current industrial reports, 01846, 02872, 10541
Worth:
benefit of water pollution control on property values, 04383
farm real estate values per acre, 1912-72, market developments, indexes, 05283
residual value, utilization cost analysis, 04701
Woven goods, *see* Textiles.
WPL, *see* Wave Propagation Laboratory.
Wrapping, *see* Packing.
Wrecking:
demolition materials, Federal item identification guide, 04308
housing units authorized for demolition in permit-issuing places, 08941
Wrenches:
wrench sets, socket, Federal standard, 00383
Wright Patman Dam and Lake:
designate–
law, 04996
report, 06335
Writers, *see* Authors.
Writing:
Air Force guide for writing improvement, 05975
Writing paper:
Federal standards, cancellation, 05374
WRSIC, *see* Water Resources Scientific Information Center.
Wyandotte Indians:
reading list, Wyandot (Huron) Indians, 01307
Wyoming:
census portrait, 10539
climatological data, 01767
compositional variations of organic material from Green River oil shale, 07992
mineral industry, minerals yearbook chapter, 11053
precipitation data, hourly, 02137
water supply outlook and snow surveys, 02751
western Wyoming thrust belt–
new Cretaceous formations, 05421

X

XB-70, *see* Airplanes.
X-ray apparatus:
narrow energy band filters for a 250 kv constant potential X-ray machine, 09699
X-ray equipment and supplies, medical, dental, and veterinary, Federal item identification guide, 01072
X-ray examination, *see* X-rays.
X-rays:
accelerator radiation protection, 04845
determinations of radiation dose to active bone marrow from diagnostic X-ray examinations, 05767
elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
new method for field analysis of plastic concrete, feasibility study, 06496
quality control in medical x-ray, 07012
soft X-ray emission spectra of metallic solids, 09515
x-ray fluorescence spectrometer for airborne particulate monitoring, 01169
XV-6A, *see* Aircraft.

Y

Yakima River:
flood plain information, city of Selah and vicinity, Wash., 01123
floods, vicinity of Selah, Wash., 01134
Yaku-shima:
synoptic meteorological observations, 11712
Yamhill, Oreg.:
soil survey report of area, 10434
Yankee Nuclear Power Station:
aerial radiological measuring system, 06031
Yarn:
racetrack yarn cross-section, 04851
spun silk, suspension of duty, continue, report, 03068
statistical relationships of fiber properties to yarn properties and to spinning efficiency of medium staple cottons, 09662
Yaw:
alcohol effects on eye movements and tracking performance, 00047
fan-in-fin yaw control concept, effects on helicopter flying-quality characteristics, 08727
helicopter flying-quality characteristics, 07827
hydrofluidic yaw SAS, stability augmentation system, analysis, 08296
Year-books, *see* Yearbooks.
Yearbooks:
agriculture, 1973, handbook for home–
departmental edition, 04779
document edition, 05015
minerals–
area reports, domestic–
departmental edition, 05583
document edition, 05013
area reports, international–
departmental edition, 05584
document edition, 05014
preprints, 07979, 10190-6, 11047-53, 11606-28
Yeast, *see* Nematospora.
yellow birch, *see* Birch.
Yellow poplar, *see* Tuliptree.
Yellow Sea:
synoptic meteorological observations, 11706
Yellowstone National Park:
bison, 05711
Ferdinand Vandiveer Hayden and founding of Yellowstone National Park, 05430
Yellowstone River and Valley:
pollution as related to taste and odor problems in municipal water supplies, Montana and North Dakota, 10388
Yemen:
People's Democratic Republic of Yemen, map, 02888
Yenisey River and Valley:
medical and geographic aspects of long-term economic development, USSR study, 07932
Yield tables, *see* Volume and yield tables.
Yolo County, Calif.:
ground water pumpage, 07851
York Canyon coal mine:
unsupported roof, York Canyon coal mine, Raton, N. Mex., field studies, 11069
Yosemite National Park:
Hetch Hetchy Reservoir quadrangle, analytic data, 06702
Young Ones, Inc. :
Brooklyn, N.Y., footwear for women, misses, and children, Tariff Commission report, 00701
Young people, *see* Youth.
Youngstown, Ohio:
model cities program, comparative analysis of 2d round planning years, 03430
Youth:
action programs in EPA, 10882
body weight, stature, and sitting height, white and Negro youths, 12-17 years, 03652
challenge, action, change, community guide for youth development, 08271
examination and health history, 06929
color vision deficiencies in youths 12-17 years of age, 10277
external youth opportunity program, 00362
intellectual development as measured by short form of Wechsler intelligence scale, 06928
iodine metabolism in adolescents in area of community, 08298
literacy among youths 12-17 years, United States, 06930
reaching out with new breed of worker, 09655
reduced rate air transportation–
authorize, report, 03206
hearings, 06380
reduction of injury in young, research directions, proceedings, 01453
runaway house, youth-run service project, 08134
strategies for restructuring State department of youth services, 11286
teenagers, marriages, divorces, parenthood, and mortality, 00566
vision test validation study, 06927
young American travelers, drug arrests abroad, notice, 10440
youth and meaning of work, 09450
youth travel abroad, what to know before you go, 09618
youth, transition to adulthood, report of Panel on Youth, 04729
see also Four H clubs.
Youth Conservation Corps:
expand and make permanent–
hearing, 04230
report, 03179
general information, 05470
help the environment and help yourself, summer employment information, 08637

Yttrium:
phase relations in alkaline earth fluoride-yttria systems, 11633
Yttrium oxide:
strontium fluoride and yttrium oxide phase diagram and information on strontium fluoride and strontium oxide system, 11633
Yuba River:
ancestral, gold bearing gravel, Sierra Nevada, Calif., 10947
Yucca Valley, Calif.:
Yucca Valley-Joshua Tree area, ground-water resources, 07852
Yugoslavia:
area handbook, 06003
economic trends and their implications for United States, 01317
investment guaranties, agreement, 03772
Yukon River:
flood survey at proposed TAPS crossing near Stevens Village, Alaska, 10945
Yukon Territory:
ostracodes from Lower Devonian formations, 04478
Yuma project:
electrical equipment, lower Colorado region, field review of operation and maintenance, 03723
RPM pipe deflections on Yuma project field test, 04724

Z

Zaire:
Angola-Zaire boundary study, 10438
civil aviation in Republic of Zaire, 11496
Zambia:
economic trends and their implications for United States, 00487
Mineral industry, minerals yearbook chapter, 11623
Zeolites:
and associated authigenic silicate minerals in tuffaceous rocks of Big Sandy Formation, Mohave County, Ariz., 06707
Zero gravity:
cloud physics laboratory, 10211
venting of three refrigerants, 06886
Zinc:
disposal from national and supplemental stockpile—
hearings, 06277
law, 06175
report, 03184
duty, temporary suspension, report, 09037
industry, historical perspective, 08695
mineral industry survey, monthly, 02795
mineral industry surveys, 11079
minerals yearbook chapter, 10195
recovery of secondary copper and zinc in United States, 08693
recovery of zinc and lead from brass smelter dust, 11067
Zinc oxide:
mineral industry survey, monthly, 02796
Zip code:
ten-cent stamp (poster), 03822
Zirconium:
HF system at 40° C with other solubility curves from 25° to 70° C, 03565
mineral industry survey, 08014, 11647
minerals yearbook chapter, 10196
Zoning:
economic comparison of point-source controls and emission density zoning for air quality management, 08541
Zoological gardens:
Federal assistance for zoos and aquariums, provide, hearings, 08518
Zoology:
medical and veterinary zoology index-catalogues, 00712
Smithsonian contributions to zoology, 00630, 01548, 07029, 08205-6, 08836, 09608-9, 11760-2
Zoonoses:
primate, surveillance, annual summary, 00785
surveillance, Center for Disease Control, rabies, summary, 02524
Zoos, *see* Zoological gardens.
Zorach, Marguerite:
Marguerite Zorach, early years, 1908-20, 05655
Zuckerman & Fox, Inc.:
footwear for women, Tariff Commission report, 05869
Zumbro River:
basin, Minnesota, engineers report—
departmental edition, 04352
document edition, 05021
Zuni Pueblo:
Zuni Indian Reservation, its resources and development potential, 04502
Zvezdnyy Gorodok, Russian SFSR:
cosmonaut training center described, USSR study, 05542

Author Index

A

Aalto, Johan A., Potomac River estuary in Washington metropolitan area, history of water quality problems and their solution, 10820

Aaum, David R, Selection and analysis of UPT maneuvers for automated proficiency measurement development, 02822

Abell, Bruce, Mosaic, 02328

Abella, Lorenzo J., Observed statistical behavior of radar moon echo signals, 11208

Abraham, Sidney, Preliminary findings of first health and nutrition examination survey, 09528

Abrahamson, Allen: Baker's dozen abstracts of 13 doctoral dissertations completed under Manpower Administration research grants, 03550

Abrahamson, L.P.:

Applicator for granular systemic insecticides in cottonwood nurseries and plantations, 05396

Microbial insecticides control forest tent caterpillar in southwestern Alabama, 00408

Adams, Avril V., Toward fair employment and EEOC, study of compliance procedures under title of Civil rights act of 1964, 03327

Adams, David O.:

Evaluation of stall-flutter spring-damper pushrod in rotating control system of CH-54B helicopter, 06019

Qualification test methods for helicopter cargo handling systems, 07192

Adams, Forrest H., Evaluation of cardiology training and manpower requirements, 09532

Adams, Maurice V., Report on water injectivity test, lease OCS-P 0241, well B-49-1, Dos Cuadras Field, Santa Barbara Channel, off California, 10086

Adams, Robert L., Economic analysis of junk automobile problem, 03559

Adelman, Edwin, Index of output per manhour, selected industries, 00526

Adelman, Howard M., Finite element for thermal stress analysis of shells of revolution, 06859

Affens, Wilbur A., Ignition, 11204

Aherns, Curtis L., Fertilizing marketing system in Mexico, 03802

Ahner, John F., Low-frequency propagation in composite region of wedge and 2 parallel plates, 10357

Aigner, Frank D.:

Characteristics of Federal land bank loans, 10009

Farm real estate mortgages recorded, 10008

Akers, James F., Operational evaluation of ARTS 2 radar alphanumeric display subsystem (RADS), 11258

Aklele, J. H., Survey of field laboratories of Bureau of Reclamation, 03726

Albers, James A.:

Boundary-layer analysis of subsonic inlet diffuser geometries for engine nacelles, 08732

Computer program for laminar, transitional and turbulent boundary layers for compressible axisymmetric flow, 11662

Effect of subsonic inlet lip geometry on predicted surface and flow Mach number distributions, 06882

Albrahamsen, Martin A., Cooperative research progress, problems, 05341

Aldon, Earl F.:

Seventeen-year sediment production from semiarid watershed in Southwest, 04439

Southwestern pinyon-juniper ecosystem, bibliography, 08585

Aldridge, James W., Fertilizer abstracts, 02015

Alers, P.B., Surface and bottom magnetic survey in area of Bermuda rise, 10358

Alexander, Barbara A., Progressive fish-culturist, 02503

Alexander, Robert R., Partial cutting in old-growth spruce-fir, 04445

Alford, Ann L., Environmental applications of advanced instrumental analyses, assistance projects, 04366

Alfred, Stanley D., Soil survey of Emmet County, Mich., 10430

Ali, A.W.:

Physics and chemistry of 2 NRL codes for disturbed E and F regions, 08167

Solar ionization rates for ionespheric E, F, and D regions, 07000

Allen, George W., Soil survey of Chittenden County, Vt., 11771

Allen, Herbert E., Seasonal variation of nitrogen, phosphorus, and chlorophyll – in Lake Michigan and Green Bay, 05814

Allen, John L., Preparation and properties of quinaldine sulfate, improved fish anesthetic, 05810

Allen, Julius W., Measurement of corporate profits prepared , 07524

Allen, Redfield, Proceedings of Solar Heating and Cooling for Building Workshop, 08804

Alter, Milton, Epidemiology of epielepsy, workshop, 01464

Amadori, R. A., Susceptibility of X-band point-contact diodes to microwave radiation, 04706

Amatt, William, Propeller design procedures and data, summary, structural analysis and blade design, 09683

Ampian, Sarkis G.:

Clays, 11606

Zirconium and hafnium, 10196

Ancker-Johnson, Betsy:

Commerce science and technology, overview, 02892

Energy, environment, and education, 08326

Observations on technology transfer between U.S. and U.S.S.R., 08327

Remarks, 00085, 07327, 07326, 08967

Role of industrial property rights protection in U.S./U.S.S.R. technology transfer (remarks), 07335

Technology transfer, issues and opportunities, 02895

Trends in science and technology and their implications for engineering education, 02896

U.S. metrification, background and prognosis, 00085

Anderle, Richard J.:
Pole position for 1971 based on Doppler satellite observations, 05735
Pole position for 1972 based on Doppler satellite observations, 04705
Anderson, John M., Forestry research progress in 1972, McIntire-Stennis cooperative forestry research program, 06408
Andersen, Richard H., Soil survey of Cecil County, Md., 04737
Anderson, Eric A., National Weather Service River Forecast System, 10319
Anderson, Gary S., Water resources of Kenai-Soldotna Area, Alaska, 05437
Anderson, Griffin Y., Exploratory tests for two strut fuel injectors for supersonic combustion, 08076
Anderson, H. A., Waste investigations for International Joint Commission, 11754
Anderson, Henry R., Aquifers in Sokoto basin, northwestern Nigeria, with description of general hydrogeology of region, 08618, 10090
Anderson, Norman J., Remarks, 08779
Anderson, Philip N., Method of billing third generation computer users, 06896
Anderson, R. Bruce, Factors influencing selection of State office furniture, 06666
Anderson, R. Ernest, Large-magnitude late Tertiary strike-slip faulting north of Lake Mead, Nev., 06704
Anderson, Ralph L., Summary of white pine blister rust research in Lake States, 07825
Anderson, Warren, Flow and chemical characteristics of Saint Johns River at Jacksonville, Fla., 01253
Anderson, William D., Application of interdisciplinary rotary-wing aircraft analysis to prediction of helicopter maneuver loads, 10514
Andracchio, Charles R., Burning of solids in oxygen-rich environments in normal and reduced gravity, 10228
Andresen, John M., Forestry research progress in 1972, McIntire-Stennis cooperative forestry research program, 06408
Anthony, Edwin D., Records of Office of Inter-American Affairs, 04634
Armento, W. Joseph, Effects of design and operating variables on NOx from coal-fired furnaces, 07747
Armistead, Katharine H., Flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
Artis, Donald R., Effects of sand particles on small, intricate mechanical components, 06022
Ash, Robert L., On theory of compliant wall drag reduction in turbulent boundary layers, 10209
Ash, Roy L., Remarks by Roy L. Ash, 03547
Asher, Janice M., Fiche index for nuclear dockets, 07230, 08305
Ashmore, Stanley A., Geomorphology of Johnston Atoll, 03691
Ashton, G. D., Icebreaking by tow on Mississippi River, 05301
Ashworth, R.A., Low BTU gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
Askren, William B.:
Analysis of Air Force Institute of Technology course 475, Laboratory management of R&D, 02832
Human resources and personnel cost data in system design tradeoffs and how to increase design engineer use of human data, 07148
Human resources sensitivity to system design tradeoff alternatives, feasibility test with jet engine data, 09667
Atil, Esin, Arts orientalis, arts of Islam and the East, 01244
Atkinson, Scott E., Cost evaluation of alternative air quality control strategies, 07777
Atvars, J., Development of acoustically lined ejector technology for multitube jet noise suppressor nozzles by model and engine tests over wide range of jet pressure ratios and temperatures, 11086
Auchmoody, L.R., Effect of calcium cyanamide on growth and nutrition of planted yellow-poplar seedlings, 06665
Aucoin, Stephen R., Winter USA, staying warm and saving money, 06470
Aufmuth, Raymond E.:
Soil-polymer system, 07685
Systematic determination of engineering criteria for rock, 09987
Aull, George H., User charges and industrial cost recovery, Denver SMSA, 10880
Austin, Edward E., General description of rotorcraft flight simulation computer program, 00743
Avbel, Joseph A., Aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
Axtell, Kenneth, Vehicle behavior in and around complex sources and related complex source characteristics, 07782
Aydelotte, Myrtle K., Nurse staffing methodology, review and critique of selected literature, 00447
Ayres, Robert U., Candidates and priorities for technology assessments, 11188
Azarraga, Leo V., Infrared Fourier transform spectrometry of gas chromatography effluents, 09998

B

Babrow, Louis E., What about metric, 03636
Bachrach, Leona L., Patients at federally funded rural community mental health centers in 1971, 10299
Bader, J. S., Reports for California by Geological Survey, Water Resources Division, 04480
Badgley, Robert H., Recommended design modifications to CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, 08292
Baer, Walter S.:
Cable television, handbook for decisionmaking, 11697
Cable television, summary and overview for local decisionmaking, 08151
Bagley, Marilyn D., Aesthetics in environmental planning, 07776
Baierl, Kenneth W., Treatment of sulfite evaporator condensates for recovery of volatile components, 09997
Bailey, Jack E., Improved incubator for salmonids and results of preliminary tests of its use, 05699
Bailey, M. C., Analysis of finite-size phase arrays of circular waveguide elements, 10259
Baker, Hayward R., Guide to NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oil, and smoke deposits, 00602
Baker, D. Keith:
Discipline is not a dirty word, 07643
Recognition is your responsibility, 07644

Baker, James B, Summer fallowing improves survival and growth of cottonwood on old fields, 00400
Bakun, Andrew, Coastal upwelling indices, west coast of North America, 05704
Balcerak, John C., Vortex modification by mass injection and by tip geometry variation, 06016
Baldwin, B.S., Decay of far flow field in training vortices, 08076
Baldwin, John L., Climates of United States, 05314
Balentine, Richard, Commerce today, 01785
Ballance, Wilbur C., Hydraulic tests in hole UAe-2, Amchitka Island, Alaska, 04468
Bankaitis, H., ASRDI oxygen technology survey, cleaning requirements, procedures, and verification techniques, 08716
Bannister, Tommy C., Skylab III and IV science demonstrations, preliminary report, 11114
Barber, Lewis R., Effective absorbed energies, 06046
Barber, V.C., Vehicle/road compatability analysis and modification systems (VRCAMS), 06535, 07716
Barbrow, Louis E., What about metric, 03636
Barduhn, Allen J., Waste water renovation, 11725
Barendsen, Robert D., Educational revolution in China, 06479
Barger, Raymond L.:
On use of thick-airfoil theory to design airfoil families with thickness and lift are varied independently, 10246
Streamline curvature design procedure for subsonic and transonic ducts, 05621
Barger, William R., Artifical sea slicks, 09577
Barker, Lawrence E., Development and application of local linearization algorithm for integration of quaternion rate equations in real-time flight simulation problems, 06866
Barnard, J. Laurens, Revision of corophiidae and related familes (Amphipoda), 00631
Barnard, Joseph E., Preview of New Jersey's forest resource, 06651
Barnes, H.E., Hydrostatic testing of syntactic foam in mineral oil, 07001
Barnes, James A., Standards of time and frequency in U.S.A., 10269
Barnes, Lee, Selling in Singapore, 04331
Barnes, Stanley L., Mesoscale objective map analysis using weighted time-series observations, 01477
Barnes, William F., Communications, 08683
Barranger, John P., Flight monitor for jet engine disk cracks and use of critical length criterion of fracture mechanics, 06887
Barrett, Charles A.:
Comparison of isothermal and cyclic oxidation behavior of 25 commercial sheet alloys at 1150° C, 10249
Isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base alloys, NASA-TRW VIA, B-1900, 713C, and 738X, 06888
Barrett, R.E., Field investigation of emissions from combustion equipment for space heating (data supplement), 04371
Barrett, William J., Waterborne wastes of paint and inorganic pigments industries, 10846
Barrick, Donald E., FM/CW radar signals and digital processing, 06980
Barth, Julius, Simplified atomic absorption determination of stable strontium in milk and hay comparison of methods and stepwise procedure, 10829
Barth, Peter S., Supplemental studies for National Commission on State Workmen's Compensation Laws, 04654
Bartus, Raymond T.:
Behavioral effects of Nitrogen narcosis in rhesus monkey, 06828
Evidence for possible memory impairment resulting from nitrogen in rhesus monkey, 06826
Feline head-holder and body-restrainer for use in chronic visual electrophysiological research, 06823
Modified method of implanting monopolar cortical electrodes in large laboratory animals, 07957
Nitrogen narcosis and visual evoked responses in unanesthetized cat, 06829
Bass, Rosalyn D.:
Outpatient treatment services in federally funded community mental health centers, 04668
Source of funds, federally funded community mental health centers, 01458
Bassett, Harold L., Complex permittivity measurements during high temperature recycling of space shuttle antenna window and dielectric shield materials, 01391
Bateman, Robert, Selling in Brazil, 04330
Batra, Lekh R., Nematosporaceae (Hemiascomycetidae), pathogenicity, distribution, and vector relations, 04794
Baughman, George L., Chemistry of organomercurials in aquatic systems, 06543
Baum, David R., Selection and analysis of UPT manuevers for automated proficiency measurement development, 02822
Baumann, Paul C., Biological investigations of Lake Wingra, 01153
Baumbick, Robert J., Terminal-shock and restart control of Mach 2.5, axisymmetric, mixed-compression inlet with 40-percent internal contraction, 08049
Baumeister, Kenneth J., Numerical simulation of noise propagation in jet engines ducts, 04623
Baur, J.P., Initial-stage sulfuric acid leaching kinetics of chalcopyrite using radiochemical techniques, 07994
Bayazeed, Abdo F., Subsurface disposal of pickle liquor, 03571
Bayley, Richard W., Geology of South Pass area, Fremont County, Wyo., 00437
Bearss, Edwin C., Fort Point Historic Data Section, Fort Point National Historic Site, Calif., 01490
Beatty, R. W., Applications of waveguide and circuit theory to development of accurate microwave measurement methods and standards, 03634
Beck, Darwin, Revision of money stock measures and member bank reserves and deposits, 09313
Beck, Helen L., Group treatment for parents of handicapped children, 04576
Becker, R.W., Semiautomatic speaker recognition system, 08680
Beckett, C.W., Physics and chemistry, journal of research, 02196
Beckman, Norman, Toward national growth policy, Federal and State developments in 1972, 00180
Bedinger, M.S., Digital-computer programs for analysis of ground-water flow, 00431
Beebe, Dale D., Electric arc discharge damage to ion thruster grids, 11105

Been, Julian F., Effects of nuclear radiation on high-reliability silicon power diode, 04625
Behning, Frank P., Cold-air investigation of turbine for high-temperature-engine application, 11663
Beichley, G. L., Hydraulic model studies of chute offsets, air slots, and deflectors for high-velocity jets, 03724
Bell, James, Basic data on economy of Brazil, 06461
Bell, Thelma I., Fishery statistics of United States, 1970, 05694
Bell, William, Department of Army historical summary, 1970 fiscal year, 11299
Bellis, Dexter R., Consumer preference and cooking yields of 3 and 5 pound pork spareribs served with and without rib bones, 04839
Benner, Margaret S., Fixed-base simulation study of 2 STOL aircraft flying curved, descending instrument approach paths, 03599
Bennett, Francis W., Processes, procedures, and methods to control pollution resulting from silvicultural activities, 04382
Benson, A.L., Development of high-purity filter for high temperature particulate sampling and analysis, 06560
Benson, Sigrid, Fire management, 02023
Bentley, Helen D., Remarks by Helen D. Bentley, 01203-4, 06616, 06618, 11507
Berdan, Jean M., Ostracodes from Lower Devonian formations in Alaska and Yukon Territory, 04478
Berendzen, Richard, Life beyond earth and mind of man, 01397
Berg, Gerald, Engineering evaluation of virus hazard in water, 09318
Berg, Henry C., Geology of Gravina Island, Alaska, 05422
Bergman, P. D. Economic evaluation of MHD-steam powerplants employing coal gasification, 03567
Berman, A., Evaluation of constrained test method for obtaining free body responses, 01393
Bernhardt, Audrey:
Cases decided in United States Court of Claims, 01060, 04263
U.S. Court of Claims reports, 06410
Bernstein, W., Some active magnetosphere experiments to be performed by Plasma Physics and Environmental Perturbation laboratory, 09552
Bernstock, Willam M., Prosthetics research bulletin, 03826
Berrios, Jose, Hoy, newsletter, 02141
Berry, Frederick H., Heart rots of central region hardwoods, 07823
Berry, I.L., Large scale rearing of horn flies on cattle, 07101
Berry, Newell H.:
Actuarial odds scores for return to duty success of Navy and Marine Corps personnel admitted to psychiatric sick list, 06821
Study of Navy and Marine Corps personnel admitted to psychiatric sick list, 06820
Bertelson, Daniel F.:
Arkansas forest industries, 00420
Mississippi forest industries, 06673
Oklahoma forest industries, 06675
Southern pulpwood production, 06671
Bethke, George W., Development of range squared and off-gating modifications for lidar system, 06561
Bev, Calvin F., Growth of black walnut trees in 8 midwestern states, 04442
Bevans, Charles I., Treaties and other international agreements of United States of America, 1776-1949, compilation, Philippines-United Arab Republic, 11782
Bey, Calvin F., Growth of black walnut trees in 8 midwestern States, provenance test, 04442
Bezdek, Roger H., Models and methods for long-range economic and manpower forecasting, 03984
Bhat, B.N.:
Solute diffusion in liquid metals, 03618
Thermotransport in liquid aluminum copper alloys, 01414
Bhatia, Kumar G., Rapid iterative reanalysis for automated design, 03605
Biales, Albert, Waterproof marine ventilation system for dry freight van containers, 05946
Bickart, C.J., Preliminary results of investigation of transverse excited atmospheric lasers, 04822
Bierach, Karl F., Wake vortex sensing, processing and display, 10456
Bildstein, H., Investigations on reprocessing of graphite-carbide fuel for high temperature reactors, 02843
Bill, Robert C., Fretting of nickel-chromium-aluminum alloys at temperatures to 816° C., 09508
Biller, James C., HUD newsletter, 02143
Bingham, Carleton D., Evaluation of interlaboratory comparison involving pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, 06044
Bingham, Gene J., Low-speed aerodynamic characteristics of NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, 11097
Binnedijk, Hans, Overseas Private Investment Corp, critical analysis, 00132
Biser, Lloyd C., Farm machinery operations, 14 selected cooperatives, 06604
Bishop, Allan R., Modification of three-dimensional supersonic nozzle modification, analysis and comparison with experimental data, 08722
Bishop, Dolloff F., Physical-chemical treatment of raw municipal wastewater, 11482
Black, Doris E., Development of E-2 weighted airman promotion system, 02825
Black, Emilie A., Study of injuried patients, trauma conference report, 11173
Black, J.N., Electron spectroscopy for chemical analysis (ESCA), 07233
Black, Richard W., Offshore oil terminal design considerations for United States waters, 08690
Blacken, Emma M.:
National nutrition policy, 09961-2
Selected papers on food security and availability, 09237
Blackwell, Robert J., Remarks by Robert J. Blackwell, 06815
Blaisdell, Fred W., Model test of box inlet drop spillway and stilling basin proposed for Tillatoba Creek, Tallahatchie County, Miss., 02802
Blake, Douglas O., Helicopter inspection design requirements, 02841
Blakeslee, C.E. Program for reduction of NOx from tangential coal-fired boilers, phase I, 00331
Blanc, Robert P.:
Annotated bibliography of literature on resource sharing computer networks, 03640
Review of computer networking technology, 08101

Blanchard, David L., Separation of variables in special diagonal Hamilton-Jacobi equations application to dynamical problem of particle constrained on moving surface, 01413
Blazek, Dan R., GAIN, interactive graphics interface for circuit analysis programs, 02858
Blecker, Herbert G., Capital and operating costs of pollution control equipment modules, 01188-9
Blieden, H.Richard, National plan for photovoltaic conversion of solar energy (address), 10343
Bliss, Susan, Performance, (periodical), 02428
Block, James A., Modeling high-pressure-ratio centrifugal compressor, 00036
Blodgett, J.C.:
Water temperatures of California streams–central coastal subregion, 07866
Sacramento Basin subregion, 07867
Bloyd, R.M., Mathematical ground-water model of Indian Wells Valley, Calif., 07855
Blum, Barton M., Some observations on age relationships in spruce-fir regeneration, 00399
Blunt, William W., Address, 05277
Blyth, James E., Pulpwood production in North Central region by county, 04448, 07834
Bobb, William H., Houston Ship Channel, Galveston Bay, Tex., hydraulic and salinity verification, hydraulic model investigation, 00319
Bobroff, Sara A., United States treaties and other international agreements pertaining to telecommunications, 07333
Bode, J. Daniel, Development of instrumentation for measurement of stationary source aldehyde, organic acid, and amine emissions, 05324
Bodurgil, Abraham, Ataturk and Turkey, bibliography, 10166
Bogar, F.D., Solution chemistry in crevices on Fe-Cr binary alloys, 10364
Bogart, Donald, Transport analysis of measured neutron leakage spectra from spheres as tests of evaluated high-energy cross sections, 05632
Bogdan, L., Evaluation of stratified charge engine (SCE) concept, 03882
Boggess, D.H., Effects of plugging deep artesian well on concentration of chloride in water in water-table aquifer at Highland Estates, Lee County, Fla.:, 00432
Boin, Jerome K.:
Alcohol & health notes, 01637
Alcohol health and research world, 01639
Boises, David B., Technical and economic evaluations of cooling systems blowdown control techniques, 06566
Boldman, Donald R., Experimental and analytical study of conically diffused flow with nearly separated boundary layer, 06889
Boley, Charles C., Use of char to improve physical quality of coke from Sunnyside (Utah) coal, 07991
Bollag, Jean-Marc, Nitrate and nitrite volatilization by microorganisms in laboratory experiments, 04363
Bolstad, D.D., Bureau of Mines direct-reading azimuth protractor, 07974
Boltz, Paul W., Changes in bank lending practices, 10915
Bones, James T.:
Primary wood-product industries of southern New England, 05409
Pulpwood production in Northeast, 01242, 07835
Bonner, W. J., Photometric technique for determining planetary slopes from orbital photographs, 04477
Bonz, Philip E., Fabric boom concept for containment and collection of floating oil, 06569
Boocock, R., OH-6A design and operational flight loads study, 08291
Booze, Charles F., Prevalence and incidence of disease among airmen medically certified during 1965, 07246
Borhani, Nemat O., Medical basis for comprehensive community hypertension control programs, 04726
Borinsky, Mark E., Provision of instruction to handicapped pupils in local public schools, 06481
Borror, Arthur C., Marine flora and faura of Northeastern United States, 01482
Borst, Henry V., Summary of propeller design procedures and data, 07179
Bortner, M. H., Analysis of feasibility of experiment to measure carbon monoxide in atmosphere, 04602
Boteler, Daniel C., Partial devolatilization of coal in two entrained-bed carbonizers, 08001
Boucot, Arthur J., Early Paleozoic brachiopods of Moose River synclinorium, Maine, 01265
Bourgea, Ron, Rehabilitation record, 02536
Bourne, Charles T., Training support developments, 02659
Bouthilet, Lorraine, Mental health digest, 02290
Bowers, J.L., Light emitting diode testing and analysis, 02851
Bowman, Edgar W., Lake Erie bottom trawl explorations, 09554
Bowman, Gilbert A., Soil survey of Phelps County, Nebr., 01560
Bowman, Roy H., Soil survey, San Diego, Calif., 03750
Bowman, Thomas E., Families and genera of hyperiidea (Crustacea, Amphipoda), 08205
Boyd, M.B., Enlargement of Chesapeake and Delaware Canal, hydraulic and mathematical model investigation, 05313
Boyko, A. A., Foot and mouth disease, biological-ecological aspects of problem, 08670
Boyle, Stanley E., Reorganization of U.S. automobile industry, 08503
Boyns, P. K., Aerial radiological measuring system, 09694
Bozzelli, Mike A., Copper, quarterly industry report, 01818
Brackett, Jean, Urban family budgets updated to autumn, 1972, 01361
Bradford, Edward M., Soldiers, 02601
Bradley, J.O., Design of wire tensioning device, 02845
Bradley, Zorro A., Canyon de Chelly, story of its ruins and people, 05705
Brady, H.A., Drift of 2,4,5-T applied with mist blower, 06658
Brainard, William A., Dynamic-scanning-electron-microscope study of friction and wear, 11154
Brand, Horst:
Productivity in pharmaceutical industry, 09443
Productivity in telephone communications, 07951
Brandes, Edward A., Radar rainfall pattern optimizing technique, 11692
Brantley, F. E., Mineral industry of Federal Republic of Germany, 11050
Brasfield, Charles W., Wave action and breakwater design, Hamlin Beach Harbor, N.Y., 00320

564-800 O - 75 - 33

Bratanow, Theodore, Finite element analysis and computer graphics visualization of flow around pitching and plunging anfoils, 01388
Braun, Willis H., Effect of geometrical and flow parameters on high-effectiveness region of film cooling, 10253
Brayer, Barry S., Task 2, improved DVOR low level receiver maintenance simulation, 10454
Breidenbach, Andrew W., Identification of DDT and dieldrin in rivers, report of National Water Quality Network, 09589
Brendle, Harmon L., Apollo experience report, 10247
Brennan, Peter J., Speech by Peter J. Brennan, 01351, 03535-6, 04563, 05253
Brezonik, Patrick L., Nitrogen sources and cycling in natural waters, 00325
Bricksin, Rita K., Research and development in industry, 1971, funds, 1971, scientists and engineers, Jan.1972, 03681
Briggs, Joseph, Project Armor obstacle 2, 06529
Brimmer, Andrew F.:
Inflation and economic welfare in United States, implication for monetary policy, remarks, 10047
International capital markets and financing of economic development, 03366
Brisbin, Robert L., American wood, birch, 04424
Briscoe, C.B.:
Extended planting seasons for sycamore and cottonwood, 00411
Sweetgum, American wood, 05389
Brittain, Dorothy, Self-training modules for public assistance-vocational rehabilitation Teams, 08191
Broadfoot, W.M.:
Raised water tables affect southern hardwood growth, 06660
Water table depth and growth of young cottonwood, 06659
Broderick, Grace N.:
Mineral industry of Austria, 11048
Mineral industry of Wisconsin, 11622
Brody, Elaine M., Social work guide for long-term care facilities, 08776
Brooks, Donald A., Measurement and characterization of particles in wet scrubbing process for SOx control, 04360
Brooks, Norman H., Dispersion in hydrologic and coastal environments, 06542
Brotman, Herman B, Facts and figures on older Americans, 00002
Brown, Bertram S., International collaboration in mental health, 04665
Brown, Brinton C., Cement, 10189
Brown, J.W., Interactions of stack gas sulfur and nitrogen oxides on dry sorbents, 00334
Brown, James C., Methods for improvement of trickling filter plant performance, mechanical and biological optima, 01165
Brown, James M., Tables and conversions for microclimatology, 08584
Brown, Richmond F., Artificial-recharge experiments and operations on the southern high plains of Texas and New Mexico, 03416
Brown, William H., Preliminary investigation of suspended-sand discharge of Russian River, Sonoma County, Calif., 07858
Brunthaver, Carroll G.:
Crest of wave (remarks), 03847
Remarks by Assistant Secretary Carroll G. Brunthaver, 05935
Bryan, D.E., Releases of parasites for suppression of pink bollworms in Arizona, 05922
Bryson, L.L., Analytical and experimental investigation of aircraft metal structures reinforced with filamentary composites, 08017
Bucher, Jeffrey M., Punctilio of honor most sensitive, 03371
Buckley, Donald H.:
Effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
Friction behavior of glass and metals in contact with glass in various environments, 08068
Interaction of some extreme-pressure type lubricating compounds with iron surface, 08067
Bucknam, R. C., Some factors relevant to determination in situ stress by analysis of geological and geophysical data, 04482
Bueneman, Ervan, Special report on techniques of aided self-help housing, 10978
Bullis, W. Murray:
Methods of measurement for semiconductor materials, process control and devices, 03647
Semiconductor measurement technology, 09517
Bullock, Gordon F., Laboratory simulation of single-axis dual-level precision pointing system, 03602
Burch, D.E., Instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
Burch, Dean, Address by Dean Burch, 01197, 05348-9
Burford, James B., Hydrologic data for experimental agricultural watersheds in United States, 04788
Burger, Thomas C., Ground control requirements for precision processing of ERTS images, 00434
Burke, D.B., Auld Lang Syne Group, of late Triassic and Urassic (?) age, north-central Nevada, 06698
Burke, Vee, Studies in public welfare, 09010
Burkett, Jeffrey, Analysis of length of prior hospital stays for extended facility cases, 07030
Burkhalter, Philip G., Trace metal water pollutants determined by X-ray fluorescence, 08173
Burkhart, James A., Endurance testing of downstream cathodes on low-power MPD thruster, 10250
Burley, Richard R., Flight velocity effects on jet noise of several variations of 12-chute suppressor installed on plug nozzle, 08043
Burnell, Dennis G., Turbine engine fuel control reliability and maintainability analysis, 04879
Burnitt, Milford G., Development of pseudo-Nyquist analysis technique for hybrid sampled-data control systems, 06846
Burns, Alfred J., Prices, costs and margins of Florida oranges, fresh and processed, 08535
Burns, Arthur F., Outlook for the dollar, 01223
Burns, Forrest C., Feasibility study to determine fluorine content in quarpel-treated fabrics by analysis with 14 MeV neutron activation source, 04835
Burns, Noel M., Project Hypo, intensive study of Lake Erie central basin hypolimnion and related surface water phenomena, 00353
Burns, R.A., Spacelab phase study, environmental control system, component handbook, 10232
Burns, Raymond K., Parametric thermodynamic analysis of closed-cycle gas-laser operation in space, 11142

Burns, Rowland E., Inclusion of known integrals in optimal trajectory problem, 08078
Burns, V.F., Responses and residues in sugarbeets, soybeans, and corn irrigated with 2,4-D or silvex-treated water, 05955
Burnside, W. D., Edge diffracted caustic fields, 11089
Burwell, Edward L.:
In situ retorting of oil shale, results of 2 field experiments, 03564
Permeability changes and compaction of broken oil shale during retorting, 08004
Busher, Walter H., Ordering time to serve prisoners, manual for planning and administering of work release, 05552
Busse, Adrian D., User's guide for climatological dispersion model, 09995
Butler, Dodie, Runaway house, youth-run service project, 08134
Butz, Earl L.:
Address, 03844
American agriculture must export to live, 05934
Anatomy of beef price situation , 03845
Credit, key to control, 03846
First partaker of fruits, 03851
Freed agriculture, basis of prosperity and peace, 05939
One nation under God, 07123
Perspective on 1973, 00015
Playing for keeps-on peace team, 03875
Race between food and population, 11297
Realistic look at food reserves, 05952
We have been wrong again, 05959
What's right with America, 03877
Byely, B., Marxism-Leninism on war and army, Soviet view, 08282
Byerley, D. L., Evaluation of various sizes and configurations of fuel tanks, 09684
Byrnes, Michael A., Human needs, 02144

C

Cadoff, Marilyn A., Development of procedure for measuring noise of papercaps, 01426
Calfee, R. F., Nu-averaged infrared absorption coefficient of water vaper, 01480
Calhoun, C.C., Development of minimum pipecover requirements for C-5A and other aircraft loadings, 06530
Call, Willard A., Soil survey report of Cowlitz Area, Wash., 11236
Callahan, W. Thomas, Prevention and control of collective violence, 00515, 04552-4
Calogeras, James E., Effect of screen-induced total-pressure distortion on axial-flow compressor stability, 10225
Calvert, Seymour, Feasibility of flux force/condensation scrubbing for fine particulate collection, 07751
Cammarota, V. Anthony, Mineral industry of Bolivia, 11049
Campbell, C.J., Pressure bomb measurements indicate water availability in southwestern riparian community, 05392
Campbell, J. Phil:
Excerpts from talk by J. Phil Campbell, 00719
Remarks by J. Phil Campbell, 00723
Campbell, James F., Analysis of injection of heated turbulent jet into cross flow, 05635
Campbell, Larry J.:
Survey of technical requirements for broadband cable teleservices, 02894
Use of computers in CATV two-way communications systems, 02894
Campbell, Robert W., Forecasting gypsy moth egg-mass density, 06668
Campbell, William A., Compilation of outgassing data for spacecraft materials, 01407
Campbell, William J., Determination of 8 minor elements in low-alloy steels by fluorescent x-ray spectrography, 01375
Cannon, Mildred S., Selected charcteristics of residents in psychiatric halfway houses, 01460
Canton, Steve, Air Force comptroller, 01622
Cantrell, B. H., Circuit implementation of Spearman rho rank detector for scanning radars, 11704
Capdevielle, Patricia, Productivity and unit labor costs in 12 industrial countries, 05557
Caplan, Edward R., Postal life, 02442
Capoen, Concetta G., HUD international information series, 11552
Caputo, David A., General revenue sharing, 08261
Caramela, Edward J., Industry wage survey, life insurance, 00529
Carden, Huey D., Experimental and analytical determination of vibration characteristics of corrugated, flexibly supported, heat-shield panels, 10245
Cardwell, Louis E., Analyses of natural gases, 1972, 05578
Carlin, Agnes F., Development of cooking procedures and recipes for using irradiation sterilized meats, 04834
Carlin, Thomas A., Tax loss farming, 07651
Carlson, F. M., Error in gas calculations caused by ignoring compressibility and solution effects, 11639
Carlson, Kenneth W., Effect of weld defects on RFI shielding effectiveness, 06493
Carlson, O. Norman, Metallurgical upgrading of automotive scrap steel, 06043
Carlson, Raymond G., Aeroelastic analysis of a telescoping rotor blade, 04878
Carmalt, S. W., Water levels and artesian pressures in Chad basin of northeastern Nigeria, 01273
Carmean, William H., Forest soils bibliography for North-Central region (including subject matter index through 1972), 04431
Carpenter, Eugene M., Jack pine, American wood, 03390
Carpenter, James B.:
Development of data base for direct analysis of airmen loss rates, 09670
Electronic career ladder evaluation project, aptitude requirements study, 07144
Relative validity of 2 item formats for obtaining length of service data from job inventories, 05972
Sensitivity of group job descriptions to possible inaccuracies in individual job descriptions, 08888
Carr, G.L., Installation of XM19 airfield landing mat ancilliary items, 00317
Carr, John F., Thermal characteristics of Lake Michigan, 01563
Carrera, Anna F., Age discrimination in employment act, 06484-5
Carrigan, Anne L., Geophysics and space data bulletin, 02062
Carrillo, Fred V., Recovery of secondary copper and zinc in United States, 08693
Carroll, Herbert B.:
Accuracy and precision of several portable gas detectors, 05599
Controlled-atmosphere system for testing gas monitors, 08003

Evaluation of instrumentation for measuring behavior of aerosols in smog-chamber studies, 04591
Carson, Deane, Vital majority, small business in American economy, 05789
Carson, Ward W., Computer program for determining load-carrying capability of running skyline, 08599, 10072
Carter, Edward P., EPA compendium of registered pesticides, 00605, 01919
Carter, Elizabeth P., Fiche index for nuclear dockets, 09698
Carter, Everett C, Literature references on techniques for evaluation of highway locations, 00367
Carter, R.C., Improved work directors, 07215
Carter, Robert S., NBS reactor, summary of activities, 09521
Carter, Roy V., Air pollution engineering source evaluation of ammonia oxidation plant no 10, Holston Army Ammunition Plant, Kingsport, Tenn., 09986
Carter, William H.:
Electromagnetic beam fields, 08166
Electromagnetic field in laser resonator, 11203
Carter, Yvonne, Aids to media to media selection for students and teachers, 03312
Carven, Harold L., Translog, 02682
Case, Oliver P., Metallic recovery from waste waters utilizing cementation, 07770
Casey, Howard F., Remarks by Howard F. Casey, 04575
Cashion, W.B., Revision of nomenclature of upper part of Green River formation, Piceance Creek basin, Colorado, and estern Uinta basin, Utah, 08610
Cater, F.W., Mineral resources of Idaho Primitive Areas and vicinity, Idaho, 05417
Cathey, Henry M., Growing flowering annuals, 02815
Cavallaro, J.A., Preparation characteristics and desulfurization potential of Iowa coals, 07998
Cazier, Amelia, Food buying guide for child care centers, 10930
Ceccarelli, Jane M., Wage-replacement rates under OASDHI retirement provisions, 04733
Cederstrom, D. J., Cost analysis of ground-water supplies in North Atlantic Region, 03409
Cetinbas, Abdurrahman, Methane and dust controls for longwalls, 09472
Chadwick, Russell B., Signal transmission and delivery between head-end and subscriber terminals, 03985
Chaiken, R.F., Toxic fumes from explosives, ammonmiun nitrate-fuel oil mixtures, 11062
Chamberlin, Roger, Flight Revnolds number effects on contoured boattail nozzle at subsonic speeds, 05494
Chambers, W. Bruce, Use of organization ombudsman in Federal Aviation Administration Western Region, 10474
Chamis, Christos C., Analysis of three-point-bend tests for materials with unequal tension and compression properties, 08737
Chamlee, Donald L., Federal probation, 01996
Chan, H.L., Backscattering from two-scale rough surface with application to radar sea return, 03591
Chandler, Edwin E., Water spectrum, 02742
Chanesman, Stanley, Marine geophysical survey (1965-68), station-data listing and report catalog, 10354
Chang, Jee-Da, Advanced torque measurement system, 06018
Chansky, Steven, Waste automotive lubricating oil as municipal incinerator fuel, 04374
Chapman, Richard L., Project management in NASA, system and men, 11649
Chappel, Gordon, East and West Potomac Parks, history, 01488
Chappell, Gilford A., Development of aqueous processes for removing NOx from flue gases, addendum, 04370
Chappelle, Emmett W., Adenosine triphosphate (ATP) as possible indicator of extraterrestrial biology, 11147
Chase, Vance A., Investigation of use of carbon composite materials for helicopter transmission housing applications, 06011
Chavez, Phillip A., Soil conservation, 02599
Cheng, Lung, Collection of airborne coal dust by steam, 08706
Chiavetta, Kenneth J., Wildlife review, 02789
Childers, J.M., Hydrologic reconnaissance of streams and springs in eastern Brooks Range, Alaska, 04470
Childers, Joseph M.:
Channel erosion surveys along proposed TAPS route, Alaska, July 1971, 05425
Flood survey at proposed TAPS crossing of Yukon River near Stevens Village, Alaska, 10945
Childs, Gregg E.:
Thermal conductivity of solids at room temperature and below, review and compilation of literature, 03638
Chin, Laura, Bureau of Census catalog, 01688
Chipman, Richard R., Flutter analysis and testing of pairs of aerodynamically interfering delta wings, 03593
Chovitz, B., Gravity gradients at satellite altitudes, 06988
Chrisler, Donald, Livestock feed balances for USSR, 01084
Christal, Raymond E., United States Air Force occupational research project, 07138
Christensen, Herbert E., Toxic substance list, 00574
Christos, T., Determining explosive in dynamites using high-pressure liquid chromatography, 01379
Church, Thomas W., Significance of sweep in Appalachian hardwood sawlogs, 06648
Chwirun, Daniel J., Tensile behavior of boron epoxy-reinforced 7075-T6 aluminum alloy at elevated temperatures, 09520
Ciesla, Willian M., Six-spined engraver beetle, 06641
Cintula, Theodore C., Performance of flight-type laminar radiator with Brayton power system, 08738
Claassen, John P.:
Efficient technique for determining apparent temperature distributions from antenna temperature measurements, 03582
Toward RADSCAT measurements of winds over sea and their interpretation, 03592
Clagett, Helen L., Revised guide to law and legal literature of Mexico, 03546
Clapp, N.K., Atlas of RF mouse pathology, disease descriptions and incidences, 06056
Clapp, Roger B.:
Birds imported into the U.S. in 1971, 05813
Mammals imported into United States in 1971, 08224
Clark, Eldon R., Woodcock status report, 00657, 11244
Clark, Elmer F., Expedient snow airstrip construction technique, 09270

Clark, Joseph C., Oligocene stratigraphy, tectionics, and paleogeography southwest of San Andreas fault, Santa Cruz Mountains and Gabilan Range, California Coast Ranges, 05434
Clark, Louis E.:
Exploratory investigation of a wake disruption technique for studying wake reestablishment time, 11100
Hypersonic aerodynamic characteristics of all-body research aircraft configuration, 05620
Clark, Robert M., Systems simulation and solid waste planning, case study, 06589
Clarke, Robert G., Mineral industry of South Carolina, 07980
Clausen, Knud E., Genetics of yellow birch, 08601, 10073
Clay, F.A., Electrodeposition of aluminum from ether-hydride solutions, 07221
Cleek, Given W., Properties of glasses in some ternary systems conataining BaO and Sio, 03632
Clemans, C. L., Auxiliary programmable governor for pump start, 03729
Clesceri, Nicholas L., Organic nutrient factors effecting algal growths, 00326
Cliff, Edward P., Timber, renewable material, 05657
Cliff, William C., Measurements and model for convective velocities in turbulent boundary layer, 03607
Clifford, Kenneth J., Progress and purpose, developmental history of United States Marine Corps, 1900-1970, 06814
Clifton, Robert A.:
Mineral industry of Connecticut, 05591
Mineral industry of Massachusetts, 06833
Clottes, G., Irradiation experiment of sodium bond carbide fuel in Rapsodie, 06036
Clunie, Urenthia M., Election law guidebook, 10718
Coalgate, Jerry L., Gob pile stabilization, reclamation and utilization, 00079
Coan, Paul P., Apollo experience report, television system, 04632
Cobb, Bart B., Relationships of age and ATC experience to job performance ratings of terminal area traffic controllers, 07245
Cochran, P. H., Natural regeneration of lodgepole pine in south-central Oregon, 05403
Cockerham, Warren L., Soil survey of Saint James and Saint John the Baptist Parishes, La., 01561
Coe, Harold H., Analysis of stresses at bore of drilled ball operating in high-speed bearing, 06893
Coff, Nancy G., Characteristics of agreements covering 1,000 workers or more , 03539
Coffman, Jerry L., Earthquake history of United States, 05315
Cohee, George V., Changes in stratigraphic nomenclature by Geological Survey, 10940
Cohen, C.J., Astronomical papers prepared for use of American ephemeris and nautical almanac, 08164
Cohen, Charles J., Analysis of rolling motion of finned missiles at large angles of attack, 05729
Cohen, J. M., Problems of treating water containing rotenone preparation used in fishery management, 11733
Colbeck, Samuel C.:
Effect of stratigraphic layers on water flow through snow, 01102
Isua, Greenland, glaciological investigations during 1973, 07676
Theory of metamorphism of wet snow, 05297
Cole, Charles A., Hydrogen peroxide cures filamentous growth in activated sludge, 07760
Cole, J.E., U.S. international telecommunication rate history, 07332
Cole, John Y., Foreign newspaper report, 02045
Coleman, J.J., Faceplate, 01930
Coleman, Ronald E., Sawing SHOLO logs, 3 methods, 08596
Colgate, D.:
Discharge and torque characteristics 198-inch butterfly valve, Auburan Dam, 09601
Hydraulic model studies of low-level outlet works, LG-2 development, Quebec, Canada, 08826
Collett, E., Log-intensity correlations of laser beam in turbulent medium, 04829
Collings, M. R., Data on selected lakes in Washington, 04462
Collins, A. Gene, Geochemistry of liquids, gases and rocks from Smackover formation, 11072
Collins, Lora S., Survey of current business, 02638
Colwick, Rex F., References on regional cotton mechanization research projects, 02807
Combs, Charles S., Treasury and Federal reserve foreign exchange operations, 01225
Combs, Philip G., Foreign trade regulations of Belgium-Luxembourg, 00281
Conlan, Edward F., Operational products from ITOS scanning radiometer data, 06975
Conners, Thomas F., Feasibility of tapered roller bearings for main-shaft engine applications, 06017
Conroy, George J., Potential uses for 400-Hz electrical power systems in mining, 11058
Cook, Charles R., Printing and publishing, 02497
Cook, David G., Marine flora and fauna of Northeastern United States, 01481
Cook, Leonard M., Development of design, test, and acceptance criteria for Army helicopter transparent enclosures, 07186
Cook, Tacy, HUD challenge, 02142
Cook, Thomas N., Maintainability analysis of major helicopter components, 04877
Cooke, Donald F., Census use study, AD-MATCH adventures, 06077
Cooke, William B., Laboratory guide to fungi in polluted waters, sewage and sewage treatment systems, 11723
Coombs, Charles A., Treasury and Federal reserve foreign exchange operations, 10920
Cooper, Barbara S.:
Age differences in medical care spending, 08216
National health expenditures, 08210, 08213
Personal health care expenditures by State, 04732
Cooper, Benjamin, Assessment and analysis of energy emergency, 10773
Cooper, E. Myles, Guidelines for minimum statistical and accounting system for community mental health centers, 08132
Cooper, Grace R., Thirteen-star flags, keys to identification, 05790
Cooper, James B., Summary records of test and supply wells in range areas, White Sands Missile Range, N. Mex., 01271
Cooper, Mehernosh N., LASCOT, large screen color television system, 07226
Coppedge, J.R., Integration of selected boll weevil suppression techniques in eradication experiment, 02820
Coppinger, N.W., Newsletter for research in mental health and behavioral sciences, 02376

Cordner, M.A., Transmission study for turbine and Rankine cycle engines, 03884
Corliss, John F., Soil survey, Alsea area, Oreg., 03747
Cornell, R. A., Impact of devaluations on changes in United States foreign trade, 03793
Correll, John T., Airman, official magazine of Air Force, 01631
Corso, J.M., HLH (heavy lift helicopter) ground support equipment, 00746
Corzine, Harold A., Monthly weather review, 02325
Cosner, Oliver J., Water in Saint John, U.S. Virgin Islands, 01272
Cotter, John L., Above ground archaeology, 05983
Cotton, Ira W., Network management survey, 08102
Cottrell, William B., Nuclear safety, 02388
Couch, Lana M., Effect of blockage ratio on drag and pressure distributions for bodies of revolution at transonic speeds, 06865
Couluris, George J., Application of dynamic programming to capital investment decision analysis, 10022
Courtenay, Walter R., Ecological monitoring of beach erosion control projects, Broward County, Fla. and adjacent areas, 09980
Covert, Norman M., Recruiting and career counseling journal, 02532
Cox, Dillon N., Soil survey of Hidalgo County, N. Mex., 04739
Cox, E. R., Appraisal of potential water salvage in Lake McMillan delta area, Eddy County, N. Mex., 01252
Cox, Gordon F.N., Salinity variations in sea ice, 05296
Cox, Lloyd, Glycerol interference in determination of crude fiber, fat, and moisture in intermediate moisture meat products, 04852
Craig, William O.:
Smithsonian Institution research reports, 02546
Smithsonian torch, 02595
Crane, Priscilla R., General revenue sharing, first planned use reports, 01589
Craven, Harold L., Translog, 02682
Crawford, Richard C., Records of Public Land Law Review Commission, 03625
Creel, Theodore R., Experimental investigation at Mach 8 of effects of projections and cavities on heat transfer to model of Viking aeroshell, 10219
Cressey, Roger F., Five new bomolochid copepods parasitic on Indo-Pacific clupeid fishes, 11761
Cressman, Earle R., Lithostratigraphy and depositional environments of Lexington limestone (Ordovician) of central Kentucky, 08616, 10089
Cribb, Herschel, Opportunity, 02407
Crimbring, William, Investigation of ATC procedures for IFR approaches to triple parallel runways, 11786
Crimi, Peter, Analysis of stall flutter of helicopter rotor blade, 04605
Crippen, J.R., Proposed streamflow data program for California, 07864
Croker, Thomas C., Longleaf pine cone production in relation to site index, 00407
Cronemeyer, Cora, Rural manpower developments, 02563
Crook, Arthur G., Federal-State-private cooperative snow surveys for Alaska, 02003
Crook, Frederick W., Agriculture in United States and People's Republic of China, 10808
Crossed, Charles, Personal wealth estimated from estate tax return, 03455
Croswell, W. F., Aperture excited dielectric antennas, 11121
Crothers, Robert K., Keeping abreast of air carrier industry, 10063
Cruse, Daniel, Determinants of police behavior, summary, 03533
Crutcher, Harold L.:
North Indian tropical cyclone strike probabilities, 05725
South Indian tropical cyclone strike probabilities, 05726
South Indian tropical cyclone vector mean charts, 05727
Southwest Pacific and Australian area tropical cyclone vector mean charts, 07007
Cruz, R.R., Annual water-resources review, White Sands Missile Range, 1972, basic-data report, 01251
Csanady, G.T., Big eddies and mixing processes in Great Lakes, 05318
Culp, T.W., Breeding quality cotton at Pee Dee Experiment Station, Florence, S.C., 08273
Culpepper, M.M., Engineer design tests of modified dust-control materials and prototype equipment, 06531
Culver, Wave E, Selected list of translated non-English material of potential interest to Environmental Protection Agency, 10858
Cunningham, Herbert J., Supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
Cunningham, Richard A., Scotch pine for northern great plains, 07833
Curren, Arthur N., Plasma tests of sprayed coatings for rocket thrust chambers, 11657
Curry, Donald M., Two-dimensional analysis of heat and mass transfer in porous media using strongly implicit prodedure, 08080
Curry, Geneva D., Journal of Navy civilian manpower management, 02195
Curry, Marion G., Cycling and control of mentals, 01149
Curtis, Emma E., Classification, class A, general works, 05559
Cushing, E. M., Water resources of Delmarva Peninsula, 03412
Cymrot, Donald, Wife's earnings as source of family income, 11768
Czul, E. C., Third post-dump survey of Chase X disposal sie, 09574

D

Dales, Sophie R., Contributions, benefits, and beneficiaries under State and local Government retirement systems, 10418
Dalrymple, Dana G., Controlled environment agriculture, global review of greenhouse food production, 04341
Daly, J.C., Evaluation of high temperature dielectric material, 07218
Dalzell, J. F., Wave loads in model of SL-7 containership running at oblique headings in regular waves, 11228
Dana, M. Terry, Natural precipitation washout of sulfur compounds from plumes, 11477
Dancis, Joseph, Research planning workshops on sudden infant death syndrome, 11684
Dangel, James R., Annotated bibliography of interspecific hybridization of fishes of subfamily salmoninae, 10315
Daniels, P., Angular momentum and aircraft-store separation problem, 05733

Danielson, John A., Air pollution engineering manual, 00022
Dann, C. Marshall, Text of address by C. Marshall Dann, 10369, 11714-5
Dansereau, D. R., Factors related to developing instructional information sequences, 08884
Darby, Ralph L., Operation of the Analytical Methodology Information Center, 00328
Darnell, Wayne L., Conceptual design and operational characteristics for Mars rover for 1979 or 1981 Viking science mission, 08061
Datwyler, W.F., Control of emissions from light piston-engine aircraft, 05962
Davidson, E.S., Geohydrology and water resources of Tucson basin, Ariz., 08619
Davies, Mary F., Model for training disadvantaged, TAT at Oak Ridge, Tenn., 03551
Davies, Yvonne, U.S. peach industry, interregional competitive model for canned peaches, 07106
Davis, Donald D., Air pollution damages trees, 00391
Davis, F.JA: Riprap slope protection for earth dams, review of practices and procedures, 00620
Davis, Harry E., Digest of selected pension plans, 11029
Davis, James W., Development of flexibly packaged cakes, 04846
Davis, John W.:
Multiple regression technique for Pth degree polynomials with and without linear cross products, 08726
Optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
Davis, Robert M., Dependence of high latitude spread-F occurrence on solar and magnetic activity, 06125
Davis, Robert T., Water supply outlook for Washington, 02750
Davis, W. E., Emission studies of industrial sources of lead air pollutants, 00025
Dawson, Verdel K., Toxicity of mistures of quinaldine sulfate and MS-222 to fish, 05812
Day, John H., New Polychaeta from Beaufort, with key to all species recorded from North Carolina, 06982
Deadmore, Daniel L., High-velocity-oxidation performance of metal-chromium-aluminum (MCrAl), cermet, and modified aluminide coatings on IN-100 and TYPE VIA alloys at 1093° C., 09505
Decampo, Joseph A., High pressure argon ionization chamber systems for measurement of environmental radiation exposure rates, 02854
Decker, C. E., Development and testing of air monitoring system, 10838
Deepak, Adarsh, Spectral irradiance curve calculations for any type of solar eclipse, 11118
De Franco Edward J., Anatomy of scam, case study of planned bankruptcy by organized crime, 09430
Degenhardt, T, History and development of psychiatry in USSR, 00506
DeKoning, Geert, Study of financial practices of governments in metropolitan areas, 00458
Delaney, Eugene A., Report of International Ice Patrol Service in North Atlantic Ocean, 09716
Delle Donne, Carmen R., Federal census schedules, 1850-80, primary sources for historical research, 05644
Delnore, Victor E., BOMEX Period III upper ocean soundings, 04388
Denney, Freeston, W. jr., Racetrack yarn cross-section, 04851
Dent, Frederick B.:
Address by Secretary of Commerce Frederick B. Dent, 00805, 03972-8, 04964-8, 06120-1, 07320, 07328, 07330, 08325, 08963
Remarks by Secretary of Commerce Frederick B. Dent, 06126
Denton, William T., Student evaluation in vocational and technical education, 10286
Derington, Robert E., Enhancing trickling filter plant performance by chemical precipitation, 00337
Deshaies, John C., Social and health indicators system, 08938-9, 09711
Deurbrouck, Albert W., Performance characteristics of coal-washing equipment, hydrocyclones, 11638
Deveikis, William D., Loading and heating of large flat plate at Mach 7 in Langley 8-foot high temperature structures tunnel, 01404
Devine, E.J., In-flight and laboratory-vacuum friction test results, 06880
Devine, Michael, Some features of dynamic structures of deep estuary, 10317
Devitt, Timothy W., Field surveillance and enforcement guide, combustion and incineration sources, 05961
Dewey, Larry S., Mineral industry of Argentina, 11047
Dewey, Lucretia M., Women in labor unions, 03541
Dewey, Margaret A., Recreation for autistic and emotionally disturbed children, 08133
Dhahir, Hashim I., Collaborative program on mercury between University of Baghdad, Iraq and Rochester NY, 10337
Dickinson, David S., Federal labor-management consultant, 01970
Dickinson, F.N., USDA-DHIAsire summary list, 03838
Dickmanns, E.D., Effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle, 06855
Dicus, John H., FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
Dideriksen, Raymond L, Soil survey of Crawford County, Iowa, 00646
DiDonato, A. R., Use of maximum likelihood method under quantal responses for estimating parameters of normal distribution and its application to armor penetration problem, 05742
DiIanni, Dominic C., Electrical heating tests of uranium dioxide external fuel configuration at emitter temperature of 1900 K, 08721
Dikeou, James T., Development and use of polymers in concrete, 04720
Dikkers, R.D., Model documents for evaluation, approval, and inspection of manufactured buildings, text and appendixes, 06909
Dille, J. Robert, Index to FAA Office of Aviation Medicine reports, 11313
Dillenius, Marnix F.E., Calculation of longitudinal aerodynamic characteristics of STOL aircraft with externally-blown jet-augmented flaps, 08031
Dimitriades, B., Characteristics and photochemical reactivity of emissions, 00344
Dimitroff, George K., Air Force civil engineer, 01621
Dimond, Nancy, Navy Supply Corps newsletter, 02360
Dindal, Daniel L., Proceedings of 1st Soil Microcommunities Conference, 09697

Dingman, S. Lawrence, Water balance in Arctic and subarctic regions, annotated bibliography, 01103
Ditmore, Jack, Study of day care's effect on labor force participation of low-income mothers, 00291
Dixon, Jay D., Structural design data for concrete drift linings in block caving stopes, 07988
Dixon, Marvin L., Soil survey of Scurry County, Tex., 00651
Dockswell, Sheldon, U.S. Army helicopter rod end bearing reliability and maintainability investigation, 00745
Dodge, R. N., Testing techniques for determining static mechanical properties of pneumatic tires, 11090
Dods, Jules B., Effect of gaseous and solid simulated jet plumes on 040A space shuttle launch configuration at M - 1.6 to 2.2, 11104
Dohner, V. Alton, Alternatives to drugs, new approach to drug education, 04652
Donald, Gordon, Development digest (periodical), 01877
Dong, Alex E., Water quality in Middle Fork Feather River, Calif., 11543
Donnelly, R. F., One-three thousand A solar flux for moderate level of solar activity for use in modeling ionosphere and upper atmosphere, 03670
Donochue, Linda R., Prescribed burning in Lake States, 1971, 06646
Dooley, James E., Compound-type separation and characterization studies for 370° to 535° distillate of Swan Hills (south field) Alberta, Canada, crude oil , 07993
Dornbusch, David M., Benefit of water pollution on property values, 04383
Dorough, H. Wyman, Metabolism of carbamate insecticides, 10828
Dougall, Richardson, United States Chiefs of Missions, 00664
Dougherty, J.J., Analysis of criteria for on-condition maintenance for helicopter transmissions, 06020
Douglas, Gary, Modular wastewater treatment system demonstration for textile maintenance industry, 10842
Dowell, V.R., Laboratory methods in anaerobic bacteriology, CDC laboratory manual, 07290
Downing, Paul B., Enforcement economics in air pollution control, 10859
Downs, Eldon W., Air University review, 01627
Downs, Sanford W., Remote sensing in agriculture, 10231
Doyel, W. W., Federal water information systems, 00433
Doyle, Phillip M., Industry wage survey, women's and misses' dresses, 01360
Dracup, Joseph F., National Geodetic Survey data, availability, explanation, application, 08142
Drake, A.M., First year's experience at Miramar Drug Rehabilitation Center, 06822
Drake, Harold J.:
Mineral industry of Republic of Korea, 11618
Stone, 11626
Draper, E. Linn, Technology of controlled thermonuclear fusion experiments and engineering aspects of fusion reactors, 11309
Draut, C.F., Vacuum chuck system and process for precision grinding of molded plastic parts, 07234
Drennan, J.H., Transmission thermal mapping, UH-1 main rotor transmission, 08293
Drew, Lawrence J., Estimation of petroleum exploration success and effects of resource base exhaustion via simulation model, 05418
Drewes, Harald, Mineral resources of Chiricahua Wilderness Area, Cochise County, Ariz., 05423
Drexel, Ralph E.:
Apollo experience report, 03613
Drexelius, V.W., Study of role of pyrotechnic systems on space shuttle program, 00545
Driscoll, J., Evaluation of monitoring methods and instrumentation for hydrocarbons and carbon monoxide in stationary source emissions, 01166
Drost, James J.:
Effects of thermal treatments upon concentratability of nonmagnetic iron ore, 03568
Dubinsky, Thelma, Facts about United States money, 08260
Dubos, Rene J., Humanizing the earth, 05924
Dudley, David D., Holography, survey, 08717
Dudley, Shearon, Sportsman's guide to handling, smoking, and preserving coho salmon, 05693
Duewer, Lawrence A., Price quantity relationships for selected retail cuts of pork, 00007
Duncan, Blanton C., Complete clear text representation of scientific documents in machine-readable form, 08105
Duncan, D.C., Four newly named tongues of Eocene Green River formation north Piceance Creek Basin, Colo., 05424
Duncan, Louis D., Geometric investigation of effect of viewing angle on ground resolution of satellite-borne sensors, 04828
Duncan, William G.:
Costa Rica, 08316
Ghana, 02870
Republic of China, Taiwan, 06080
Dunkelberg, William C., National Commission on Consumer Finance technical studies, 06934
Dunlap, W. Crawford, Transportation Systems Center, special briefing, proceedings, 11273
Dunlap, William J., Subsurface biological activity in relation to ground water pollution, 04367
Dunlay, William J., Stochastic model of controlled airway traffic, 10023
Dunning, Robert S., Orbital mechanics of flight mechanics, 06849
Duong, Nguyen, Modern control concepts in hydrology, 08715
Dutcher, L.C., Ground-water outflow, San Timoteo-Smiley Heights area, upper Santa Ana Valley, southern California, 07849
Dutrow, George F., Sawmill manager adapts to change with linear programming, 05406
Dybvad, Richard L., Helicopter gross weight and center for gravity measurement system, 06021

E

Earles, J.M., Forest area statistics for midsouth counties, 00421
Eaton, H. G., Feasibility of total hydrocarbon analyzer for evaluating life of charcoal beds, 11207
Eaton, L. R., Zero-gravity cloud physics laboratory, experiment program definition and preliminary laboratory concept studies, 10211
Eber, L.E., Subpoint prediction for direct readout meteorological satellites, 05703
Eberhardt, A.C., Computer program for finite element analysis of concrete airfield pavements, 06500

Echternacht, Gary J., Development and validity of vocational and occupational interest inventory, 07145
Eckard, Royce D., Proposal for direct numerical control system, 06058
Eckhardt, George S., Command and control, 1950-69, Vietnam studies, 08297
Edelen, George W., National program for managing flood losses, 01260
Edgar, N. Terence, Covering leg 15 of drilling vessel Glomar Challenger, 08154
Edmonson, Nathan:
Capacity utilization for major materials, revised measures, 10914
Capacity utilization in major materials industries, 01220
Edwards, Bruce M., Computer-produced timber management plans, evaluation of program TEVAP, 08591, 10070
Edwards, Ralph S., Five year plan summary, Romania, 05266
Ehrenberg, Ralph E., Geographical exploration and mapping in 19th century, survey of records in National Archives, 05643
Eilertsen, Donald E., Potash, 07985
Elder, Curtis H., Geologic structure analysis using radar imagery of coal mining area of Buchanan County, Va., 08005
Eldridge, Edward F., Progress report on information retrieval for Division of Water Supply and Pollution Control, 11734
Elias, Andrew, U.S. trade status with Socialist countries, 06467-8
Ellington, E.E., Phase 3 and phase 4-a, design and construction of consolidation synthetic gas pilot plant, Rapid City, S. Dak., 07316
Elliott, Denton W., Eighteenth annual AFOSR chemistry program review, 04799
Ellis, James L., Summary of 5th Czechoslovak 5-year plan, 1971-75, 07641
Ellis, William H., Summer and fall wildflowers of Land Between the Lakes, 03804
Elson, Edward L. R., Prayers offered, 09138
Ely, Charles A., Natural history of Laysan Island, northwestern Hawaiian islands, 08835
Ely, Northcutt, Summary of mining and petroleum laws of the world, 08692, 09457
Emerson, Peter M., Historical guide to Federal water pollution control laws affecting food processing, 07650
Emmanuel, C. B., Feasibility study for remote measurement of underwater currents using acoustic Doppler techniques, 04681
Emmett, William W., Quality of stream waters of White Cloud Peaks area, Idaho, 01280
Enger, P. F., Application of minicomputer channel control problem, 03727
Engett, Mary E., Fishery publications, 00593, 01483
Engman, Lewis A.:
Address by Lewis A. Engman, 08578-9, 10051-3
Address on children's television, 11529
Law Day address, 10055
Enz, Richard W., Water supply outlook for Arizona, 02744
Eplee, Robert E., Nozzle drop support for high-clearance sprayer, 05984
Epstein, Michael, EPA alkali scrubbing test facility, sodium carbonate and limestone test results, 01160
Erdmann, Wayne G., Fifteen-year results from 6 cutting methods in second-growth northern hardwoods, 08594
Erickson, Larry L., Transonic single-mode flutter and buffet of low aspect ration wing having subsonic airfoil shape, 08052
Eschenroeder, A.Q., Evaluation of a diffusion model for photochemical smog simulation, 01155
Espeland, L.Roger, Experimental CMI system on the PDP 11/20, 07151
Espinosa, A.F., Study of soil amphfication factors in earthquake damage areas, Caracas, Venezuela, 10322
Essers, Florence, Public need and role of inventor, 11166
Estep, Patricia A., Infrared microanalysis for deducing formation history of ferromanganese deposits, 06979
Ettinger, M. B., Review of sewage and industrial waste literature, 11741
Evans, Carson D., Balance sheet of farming vector, 02810
Evans, Lawrence C., Remote sensing of Saturn's rings, 05631
Evans, Malton V., Correlation textile and apparel categories with tariff schedules of United States, 06456
Evans, R. Samuel, Regional soybean acreage response analysis and projections for 1974, 11455
Evans, Robert, Computerizing labor market information in Japan, 09442
Evans, Rupert N., Vocational education, staff development priorities for the 70's, 04597-8
Everall, Paul F., Urban freeway and surveillance and control, state of the art, 03340
Everly, Elaine, Preliminary inventory of records of United States Army continental commands, 05642, 08087
Ewald, William R., ACCESS, Santa Barbara Regional Pilot Process, 10335
Ewing, Donald R., Metrics for spectrum-space usage, 04974

F

Faber, H.A., Information resource, final report, water pollution control in water utilities, 07756
Fagan, C.H., Cold-weather flight tests of OH-58 helicopter equipped with elastomeric-bearing main rotor, 07188
Fain, R. A., Design and installation of ship response instrumentation system aboard SL-7 class containership S.S. Sea-Land McLean, 11227
Faintich, Marshall B., Position of satellite with respect to magnetosphere of earth, 05737
Fairchild, Roy W., Water quality and related studies, Jacksonville area, Fla., 11542
Falk, Charles E., Dynamics and forecasts of R&D funding, 11189
Fallentine, Bradley C., Advanced development work resulting in inventory management (IM) individualized instruction materials, 08889
Farmer, James, Interim national standard procedures for deriving per-student costs in postsecondary educational institutions, proposal, 08112
Farmer, Norman B., Apollo experience report, 08079
Farnes, Phillip E., Water supply outlook for Montana, 02746, 03752
Farrell, P. J., Treatment of domestic wastewater and NSSC pulp and paper mill wastes, 09282
Fasching, George E., Fast pulse processing for gamma-ray spectors copy, 11073

Fath, Jack M., Standards on noise measurements, rating schemes, and definitions, 03641
Faulkner, Fran, Public roads, journal of highway research and development, 02512
Fausett, Donald W., Second-order effects in kinetics of oil shale pyrolysis, 11071
Faust, George T., Disintegration of Wolf Creek meteorite and formation of pecoraite, nickel analog of clinochrysotile, 10088
Federer, C., Anthony, Annual cycles of soil and water temperatures at Hubbard Brook, 00397
Federoff, Dorothy R., Coal-Pennsylvania anthracite, 08698
Feldman, Milton H., Petroleum weathering, some pathways, fate, and disposition on marine waters, 06544
Feldman, Saul, Administration in mental health, 05677
Feldstein, Martin S, Lowering permanent rate of unemployment, 00115
Felsenstein, Joseph, Bibliography of theoretical population genetics, 04886
Fenimore, Watson, Federal Home Loan Bank Board journal, 01965
Ferrante, John, Auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
Ferrel, David W., Business outlook for nation in 1974, 04969
Ferris, Steven H.:
Method for recording and analyzing EEGs and VERs from rats under hyperbaric conditions, 06824
Thirty-five day, 60 foot air saturation dive with rats, effects on EEG and visually evoked cortical response, 07958
Fichter, W. B., Shear-stress intensity factors for elastic sheets with cover plates, 10240
Field, William D., Bibliography of catalogs, lists, faunal and other papers on butterflies of North America north of Mexico arranged by State and province (Lepidoptera: Rhopalocera), 11760
Fielding, E.M., NCUA quarterly, 02362
Fields, H. H., Degasification of virgin Pittsburgh coal through large borehole, 01380
Fife, Dennis W., Technical index of interactive information systems, 08760
Filbert, A.S., Naval lifeline, naval safety journal, 02358
Fight, Rogers D., Land base for management of young growth forests in Dougls-fir region, 05399
Findlay, Charles, Methane control by isolation of major coal panel, Pittsburgh coalbed, 07987
Finerty, Joseph M., Employment and earnings, 01905
Finkel, Peter W., Proficiency test assessment of clinical laboratory capability in United States, 08092
Fischer, E. Fred, Guidelines for health services research and development, 04488
Fischer, John, Classification, class K, subclass KD, law of United Kingdom and Ireland, 08665
Fisher, Charles R., Health insurance for aged, hospital and skilled nursing facility admissions, fiscal year 1972, 11231
Fischer, Joseph, Rules of criminal procedure for United States District Courts, 09089
Fisher, Charles S, Soil survey of Crawford County, Iowa, 00646
Fisher, Walter W., Oxidation of cement copper by flash masting, 01378
Fishman, S.G., Metallurgy of dilute mischmetal Mg alloys as observed in 40mm liners, 05730
Fisk, Donald M., How effective are your community recreation services, 04712
Fleming, Ralph D.:
Durability of advanced emission controls for heavy duty diesel and gasoline fueled engines, 08545
Natural gas as automotive fuel, experimental study, 04587
Fletcher, Aaron N., High-temperature contact nucleation of supercooled water by organic chemicals and appendix of compounds tested, 08178
Fletcher, Bobby P.:
Cellular-block-lined grade control structure, hydraulic model investigation, 00318
Outlet works for site 16, Papillion Creek and tributaries, Nebraska, 06534
Fletcher, Gordon E., Atomic absorption methods of oilfield brines, 10197
Flinn, James E., Development of predictions of future pollution problems, 10860
Flora, Tommie E., Field evaluation of Honeywell analog water quality data collection system, 10383
Floyd, Dale E., Southeast during Civil War, selected War Department records in National Archives of United States, 08088
Fogle, H.W.:
Growing sour cherries, 05931
Sweet cherries, production, marketing and processing, 05930
Foley, John P.:
Description and results of Air Force research and development program for improvement of maintenance efficiency, 04801
Task analysis for job performance aids and related training, 05966
Fordyce, J. Stuart, Estimate of contribution of jet aircraft operations to trace element concentration at or near airports, 09495
Forney, Albert J., Analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
Forte, Darlene J., Wholesaling, 08833
Forte, N.V., Thin-film hybrid microcircuit substrate metallization, 07219
Foster, G.H., Grain breakage caused by commercial handling methods, 04781
Foster, Galloway B., Apollo experience report, 11148
Foster, R. D., Analysis of maneuverability effects on rotor/wing design characteristics, 08894
Foster, Richard S., Analysis of stability of geographic index of reimbursement, 11767
Fountain, Melvin C., Occupational outlook quarterly, 02392
Fouss, James L., Structural design procedure for corrugated plastic drainage tubing, 04793, 05953
Fowkes, Richard S., Theoretical and experimental studies on packing of solid particles, 08694
Fox, R.L., Veal calf production and marketing in Northeast, 06603
Fradenburg, Evan A., Dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
Fraenkel, William A., Guide to job placement of mentally retarded, 10372
Franco, Edward J., Anatomy of scam, case study of planned bankruptcy by organized crime, 08677

Franco, Nicholas B., Electrochemical removal of heavy metals from acid mine drainage, 10845
Frank, Robert M., Silvicultural guide spruce-fir in Northeast, 06643
Frankel, Martin M., Projections of educational statistics to 1982-83, 11458
Franklin, Jerry F., Natural vegetation of Oregon and Washington, 03397
Franklin, John C., Polymeric materials for underground support, 09470
Frazer, Alice B., Proceedings, First National MEDIHC Conference, 05443
Fread, D.L., Dynamic model of stage-discharge relations affected by changing discharge, 10318
Freeman, Gordon R., Radiation chemistry of ethanol, review of data on yields, reaction rate parameters, and spectral properties of transients, 0954
Freeman, Larry W., Casualty data reduction processor program, 05741
Freiberger, Herbert J., Water quality at Miami International Airport, Miami, Fla., 01274
Fremont, H.A., Color removal from Kraft mill effluents by ultrafiltration, 06565
Freshwater, John F., Evaluation of dishwashing systems in food service establishments, 03855
Frey, H. Thomas, Major uses of land in United States, 11293
Fri, Robert W.:
Beyond brushfires, adaptation, 06538
Coal, once and future king, 07725
Future of environmental controls in agriculture, 10850
Importance of local initiative in environmental management, 10852
Friar, Willie K., Panama Canal review, 11314
Frick, Charles H., Definition of measure for certain infinite series, 04703
Fricke, Clifford L., Triangulation of multistation camera data to locate curved line in space, 11131
Friedland, Bernard, Quasi-optimum design of six degree of freedom moving base simulator control system, 03584
Friedman, Eli A., Proceedings, acute renal failure conference, 11683
Friend, Milton, Duck plague (duck virus enteritis) in wild waterfowl, 07041
Friesen, Wilfred J., Pilot model expansion tunnel test flow properties obtained from velocity pressure, and probe measurements, 06862
Friggens, Gary R., Nuclear gages for monitoring coalbed of commercial-scale pressurized gas producers, 03566
Frohlich, Philip:
Families with disabled parents under AFDC, 07033
Institutionalized adults with financial administrators, 10410
Frommer, Donald W., Flotation of Marquette Range nonmagnetic taconite using innovative procedures, 07997
Frost, Clyde M.:
Methods for refining crude shale oil produced by in situ retorting, 08002
Some effects of pressure on hydrocracking of crude shale oil over cobalt molybdate catalyst, 07999
Fryburg, George C., Enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms, 11137
Fugill, John W.K., Task difficulty and task aptitude benchmark scales for administrative and general career fields, 05969
Fuhr, J. R., Bibliography on atomic transition probabilities, 05648
Fujimoto, Robert I., Establishing standards for effective wire rope clip installation, 01377
Fukubayashi, Haruhisa H., Recovery of zinc and lead from brass smelter dust, 11067
Fulkerson, Frank B.:
Mineral industry of Maine, 07984
Mineral industry of Vermont, 11621
Fuller, Charles E., Three-dimensional laser Doppler velocimeter turbulence measurements in pipe flow, 08714
Fuller, R. A., SNAP-8 refractory boiler development program, 10206
Fulmer, Robert G., Andean Common Market, implications for U.S. business, 03298
Fulton, William B., Riverine operations, 1966-69, Vietnam studies, 00042
Fung, Francis C. W., NBS corridor fire tests, energy and radiation models, 06919
Furman, Bess, Profile of Public Health Service, 1798-1948, 04676
Fusaro, Robert L., Effect of fluorine content atmosphere and burnishing technique on lubricating properties of graphite fluoride, 09509
Fussell, W.B., Optical radiation measurements, 08758
Fye, R.E., Modeling of cotton insect populations, 05923

G

Gadomski, R.R., Evaluations of emissions and control technologies in graphic arts industries, 03883
Gadway, Charles J.:
Drawing inferences, reading, 01092
Gleaning significant facts from passages, reading, 01091
Reading, released exercises, 01093
Gafford, R.D., Effectiveness of short emission inspection tests in reducing emissions through maintenance, 06549
Gagnon, Raymond O., Selected characterisitcs of nursing homes for aged and chronically ill, 08110
Gajdusek, D. Carleton:
Journal of trip to Shepherd, Banks and Torress Islands and to Expiritu Santo and Efate in New Hebrides, 10301
Melanesian journal, 06962
Galambos, T. V., Structural deflections, literature and state of art survey, 03628
Gallo, Donald R., Recipes, wrappers, reasoning and rate, digest of first reading assessment, 10809
Galvas, Michael R., FORTRAN program for predicting off-design performance of centrifugal compressors, 06890
Gansner, David A., Deriving fair incentives for management of hardwood timber stands, 00415
Gardiner, Peter:
Comparacion de las cifras totales de poblacion de los censos realizados alrededor de 1970, 06096
Une comparaison entre les totaux de population selon des recensements effectues aux environs de 1970 et des estimations de population pour des pays selectionnes, 10544
Garland, Thomas M., Assessment of U.S. petroleum supply with varying drilling efforts, 09458

Garner, H. Douglas, Development and flight tests of gyro-less wing leveler and directional autopilot, 08729
Garrison, G.W., Development of design criteria, cost estimates, and schedules for MHD high performance demonstration experiment, 06117
Garrison, Louis E., Geologic structures in Gulf of Mexico basin, 01264
Gartner, Walter B., Simulator evaluation of display concepts for pilot monitoring and control of space shuttle approach and landing, 08032
Garvin, David, Chemical kinetics data survey, 10265
Gary, James H., Removal of sulfur from coal by treatment with hydrogen, 04960
Gaskin, David A., Application of electrical energy to culvert icing problems, laboratory study, 09982
Gassaway, John D., Trace element equilibrium studies, 08811
Gathman, S. G., Marine fog observations in Arctic, 11206
Gaufin, Arden R., Water quality requirements of aquatic insects, 04358
Gaugler, Raymond E., Optical measurement of hydroxyl radical profiles in hydrogen-fueled supersonic combustor, 08746
Gauntner, Daniel J., Experimental transient turbine vane temperatures in cascade for gas stream temperature, 11653
Gauntner, James W., Crossflow effects on impingement cooling of turbine vane, 08724
Gay, William G., Improving your community's emergency response, introduction to disaster planning, 06414
Gayods, M. W., Water resources of Little River Basin, Louisiana, 10958
Gehman, Clayton, Staff economic study, U.S. energy supplies and uses, 05372
Gekler, Jack R., Glossary of commonly used biological and related terms in water and waste water control, 11724
Gelfan, David, FAA aviation news, 01929
Gellner, Christopher G., Geographic profile of employment and unemployment, 01362
Gentel, James E., Characterization of particulates and other non-regulated emissions from mobile sources and effects of exhaust emissions control devices on these emissions., 00027
George, Tommy A.:
Summary of snow survey measurements for Oregon, 08844
Water supply outlook and Federal-State-private cooperative snow surveys for Oregon, 02748
Water supply summary and outlook for Oregon, 03753
Georges, George C., Resolution of point scatterers by hard-limited synthetic aperture radar, 03692
Gera, Joseph, Method of automatically stabilizing helicopter sling loads, 11664
Gerlich, James W., Pressure filtration of waste waters sludge with ash filter aid, 00340
Gertler, Diane B., Statistics of nonpublic elementary and secondary schools, 04349
Giachino, Fred E., Air reservist, 01624
Gibbs, Wes, Employee-attitude and office environment analyses for development of human and architectural requirements for Buffalo District Office, Buffalo, N.Y., 09985
Giberga, Manuel R., Housing and urban development in Latin America, comparative construction costs in Latin America, 05450
Gibson, G., Radial blanket and shield simulation experiments, 09704
Gibson, Lester P., Annotated list of Cicadellidae and Fulgoridae of elm, 08595, 10071
Gill, Ruby, Library holdings, nonperiodical, Federal solid waste management program, 09292
Gillespie, Daniel T., Approach of 2 bodies separated by perfectly elastic particle, 08180
Gilliam, Henry C., Beef cattle production potential of set-aside land, 05281
Gillilland, Whitney, Alexander is a swoose, 09714
Gilreath, Melvin C., High-temperature dielectric properties of candidate space-shuttle thermal-protection-system and antenna-window materials, 11129
Giolas, Thomas G., Equivalency of sentence intelligibility lists for audiological assessment of Naval personnel and Navy voice communication systems, 07960
Gladden, Herbert J., Adverse effect of film cooling on suction surface of turbine vane, 08742
Gladney, William J., Controlling brown recluse spider, 03854
Glahn, Harry R., Predicting conditional probability of frozen precipitation, 10320
Glaser, Daniel, Routinizing evaluation, getting feedback on effectiveness of crime and delinquency programs, 06954
Glaser, Rudolph F., Analysis of axisymmetrical vibration of partially liquid-filled elastic sphere by method of Green's function, 08063
Glass, Alexander J., Laser induced damage in optical materials, 06912
Glass, Mas E., AH-lG design and operational flight loads study, 07182
Glatt, C.R., DIALOG, executive computer program for linking independent programs, 03580
Glazman, Alan R., Residual value, utilization cost analysis, 04701
Gleason, Chapman P., Comparison of alternative winter wheat objective yield unit sizes, 07063
Gloriod, T.L., Selective withdrawal from Beech Fork Lake, Beech Fork River, W. Va., 01144
Goad, J. H., Removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
Goble, Jesse W., Improving shell egg packing plants, 08880
Gochenour, Donald L., Reliable results from stochastic simulation models, 07830
Godman, Richard M., Establishing even-age northern hardwood regeneration by shelterwood method, preliminary guide, 08593
Goerlich, Robert F., Defense management journal, 01868
Goffi, E.A., Effect of rehydration and cooking parameters on tenderness of freeze-dried raw pork chops, 04844
Gogolak, Carl V., Comparison of measured and calculated radiation exposure from boiling water reactor plume, 07232
Golden, Roland S., Federal and State standards for composition of milk products, 11294
Goldish, J., Systems study of conventional combustion sources in primary aluminum industry, 05330
Goldman, Louis J., Cold-air annular-cascade investigation of aerodynamic performance of cooled turbine vanes, 08747
Goldstein, Harold T., U.S. commodity exports and imports as related to output, 08317
Goldstein, Marvin E.:

Advanced methods for solution of differential equations, 03594
Combined quadrupole-dipole model for inlet flow distortion noise from subsonic fan, 10258
Golet, Francis C., Classification of freshwater wetlands in glaciated Northeast, 10436
Gomez, Manuel:
Distribution of sulfur and ash in part of Pittsburgh seam and probable mode of deposition, 09466
Forecasts of chemical, physical, and utilization properties of coal for technical and economic evaluation of coal seams, 11054
Good, Paul, Cairo, Ill., racism at floodtide, 04947
Goodman, Ethel B., Awards of National Lime Association safety competition of 1971, 06830
Goodman, Leroy V., American education (periodical), 01644
Goodman, Lowell R., TICUS 1, MARK 2, operation and maintenance manual, 06971
Goodman, Margaret, United States and multilateral development banks, 07405
Goodman, Seymour D, Soil survey of Monroe County, N.Y., 00650
Goodsell, Wylie D.:
Costs and returns, migratory sheep ranches, Utah, Nev., 03307
Costs and returns, Northwest cattle ranches, 03308
Goolsby, O.Halbert, World monetary conditions in relations to agricultural trade, 05286
Gordon, Ronald C., Batch disinfection of treated wastewater with chlorine at less than 1°C, 04364
Gordon, Ruth E., Genus Bacillus, 07107
Gordon, Tavia, Framingham study, epidemiological investigation of cardiovascular disease, 08136
Goree, William S., Superconducting devices and materials, 02635
Gorenberg, N. B., Analysis of maneuverability effects on rotor/wing design characteristics, 10516
Goring, Sylvia M., FAA statistical handbook of aviation, 05342
Gormont, Ronald E., Mathematical model of unsteady aerodynamics and radial flow, 00035
Gornick, Marian E., Persons meeting SMI deductible, 1966-71, 10415
Gotha, William F., Direction, Navy Public Affairs monthly, 01886
Gough, William C., CTR engineering systems study review meeting, fusion power, 06065
Goulding, Fred S., X-ray fluorescence spectrometer for airborne particulate monitoring, 01169
Goulston, Charles L., Gas- and electric-powered central refrigeration systems for food distribution centers, evaluation, 02805
Graham, A. L., Skylab earth resources experiment package experiments in oceanography and marine science, 03667
Graham, Janet R., I & N reporter, 02145
Gram, Andrew L., Tertiary treatment with controlled ecological system, 07759
Graney, David L., Polymorphic site index curves for shortleaf pine in Ouachita Mountains, 00419
Grano, Charles X, Loblolly pine fecundity in south Arkansas, 00410
Grant, Frederick C., Buoyant tornado-probe concept incorporating inverted lifting device, 04621
Grant, Kenneth E., Federal-State-private cooperative snow surveys, fall water supply summary for Nevada, 03744
Water supply outlook for Nevada, 03744
Grant, W. Vance, Digest of educational statistics, 1973, 07662
Grantham, William D., Simulation of decelerating landing approaches on exteranlly blown flap STOL transport airplane, 11122
Grathowski, H., Pregermination treatments for redstem ceanothus seeds, 05398
Gravelle, Jane, Analysis of Federal tax treatment of oil and gas and some policy alternatives , 05144
Graves, Albert H., Improving receiving of tobacco at auction warehouses, 05921
Graves, M. E., Statistical analysis of flight times for space shuttle ferry flight, 10212
Gray, Robert W., Handicrafts, 01547
Green, Richard N., Time-fixed rendezvous by impulse factoring with intermediate timing constraint, 11669
Green, Robert E., Iron oxide superconcentrates by caustic leaching, 05600
Greenblatt, Bernard, Children on campus, survey of pre-kindergarten programs at institutions of higher education in United States, 03828
Greene, Frank M., Technical terms and definitions used with law enforcement communications equipment, 05548
Greene, George C., Comparison of measured and calculated velocity profiles of laminar incompressible free jet at low Reynolds numbers, 10244
Greenfield, Stanley M., Strategic environmental assessment system (SEAS), research project, 00352
Greenspan, Martin, Journal of research of National Bureau of Standards, 02198
Greenspoon, Gertrude N., Mineral industry of Zambia, 11623
Greenwood, Peter W., Prosecution of adult felony defendants in Los Angeles County, policy perspective, 08679
Gregg, Michael B., Mobidity and mortality weekly report, 02327
Gregory, Robert H., Arrowhead, 01662
Griebe, R.W., Boiling water reactor, full length emergency core cooling heat transfer (BWR-FLECHT) tests project final report on atmospheric pressure stainless steel experiments, 07212
Griffin, L. I., Evaluation of equations for designing ammoniacal scrubbers to remove sulfur oxides from waste gas, 11480
Griffin, Wendy, Energy facts, 08438
Griffis, C.A., Application of J integral to crack initiation in 2024-T 351 aluminum alloy, 10362
Grigsby, Hoy C., South Carolina best of 36 loblolly pine seed sources for southern Arkansas, 05407
Grisez, Ted J., Requirements for advance reproduction in Allegheny hardwoods, and interim guide, 06654
Grody, Norman C., Dependence of antenna temperature on polarization of emitted radiation of scanning radiometer, 06981
Gross, Loren A., Experimental investigation of two-phase liquid oxygen pumping, 06884
Grossman, Robert L., Aircraft investigation of turbulence in lower layers of marine boundary layer, 10326

Grossnickle, Linda L., Index of State specifications and standards, covering those standards and specifications issued by State purchasing offices of U.S., 04636
Groves, Rees D., Reactions of copper sulfide minerals with chlorine in aqueous system, 03569
Grubb, Dana S., Data communications system throughput performance using high speed terminals on dial telephone network, 01425
Grumer, Joseph, Recent developments in coal mine fire and explosion prevention research, 07973
Gu, Alston L., Prediction of gear-mesh-induced high-frequency vibration spectra in geared power trains, 08295
Guenther, Gary, Michigan water resources enforcement and information system, 01186
Guinn, Nancy:
Comparison of volunteer attitudes and career motivation among officer and airman personnel, 05971
Effect of all-volunteer force on input into school of military sciences, officer training program, 09666
Factors related to adaptability to military service among 1965 airman accessions, 04802
Feasibility of developing procurement strategy for School of Military Sciences, officer input, 07140
Gulick, Frances A., Materials shortages, selected readings on energy self-sufficiency and controlled materials plans, 09935
Gum, Don R., Human force and motion-sensing mechanisms, modeling, 00030
Gumtz, Garth D., Oil recovery system using sorbent material, 07763
Gunter, Gordon, Salinity problems of organisms in coastal areas subject to effect of engineering works, 07712
Gupta, Bharat B., Analytical investigation of aerodynamic stability of helical vortices shed from hovering rotor, 07196
Gupta, Shardanand, On measurement of Rayleigh scattering by gases at 6328A, 03614
Gustafson, Arthur J., Effects of helicopter external loads on sling properties, 09685
Guthridge, Guy G., Antarctic journal of United States, 01648
Guthrie, Thomas L., Procurement planning for commercial feed firm, 03857
Gutmacher, R.G., Methods for accountability of plutonium nitrate solutions, 07242

H

Haas, Larry A., Decomposition of hydrogen sulfide in electrical discharge, 03563
Haberman, Roger L., Soil survey of Hodgeman County, Kans., 00648
Hackett, Gerald A., Executive calendar, Senate, 02230
Haddad, Joseph, Service experience with liquid nitrogen fuel tank inerting system in FAA DC-9 aircraft, N119, 10927
Haeffner, Arden D., Areal snow cover observations in central Rockies, Colorado, 08586
Hagel, G. T., Leafhopper transmission of western aster yellows agent to potato and carrot in eastern Washington, 10491
Haggard, Kenneth V., Free-steam temperature, density and pressure measurements in expansion tube flow, 03598
Hahn, G. T., Fast fracture resistance and crack arrest in structural steels, 08828
Haines, Aubrey L., Historic sites along Oregon Trail, 01489
Haines, Donald A.:
Forest fires in Missouri, 01241
Mean precipitation-hours for conterminous United States, 07829
Haines, Richard F., Peripheral visual response time to colored stimuli imaged on horizontal meridian, 09498
Hair, Dwight, Demand and price situation for forest products, 04787
Hairion, J. P., Irradiation of broken pin in sodium circuit, 09689
Hais, Alan B., Alum addition to activated sludge with tertiary solids removal, 00335
Halberstein, Joseph H., Stereo antenna patterns from principal plane patterns, 05740
Hale, Malcom B., Making fish protein concentrates by enzymatic hydrolysis, 01484
Hall, Arthur W., Continuous monitoring of coal by neutron moisture meter, 04588
Hall, H.J., Evaluation of measurement methods and instrumentation for odorous compounds in stationary sources, field testing, 01168
Hall, J.W., Small aperture testing for airfield pavement evaluation, 07715
Hall, Richard L., Soil survey of Worcester County, Md., 00652
Hall, Robert T., Automotive gas turbine economic analysis, investment cast turbine wheel supplement, 08542
Halls, L.K., Flowering and fruiting of southern browse species, 05408
Halpin, D., Evaluation of projects for counter-seasonality measures, 06498
Hamaker, J.M., Electrophoresis patterns of needle enzymes in longleaf and sonderegger pines, 00402
Hamill, Peter V. V., Body weight, stature, and sitting height, white and Negro youths 12-17 years, United States, 03652
Hamilton, Donald T., Apollo experience report, postflight testing of command modules, 01410
Hamilton, Wallace F., Synchronous satellite time delay computer, 01420
Hampson, R.F., Chemical kinetics data survey, 06906
Hamrock, Bernard J., Ball motion and sliding friction in arched outer-race ball bearing, 08060
Handler, Philip, Remarks, 08779
Hankin, Norbert N., Nonionizing radiation measurement capabilities, State and Federal agencies, 00608
Hannan, P. J., Measurements of mercury sorption by algae, 09575
Hansen, Duncan N., Guide to computer simulations of 3 adaptive instructional models for advanced instructional system phases 2 and 3, 09665
Hansen, K.C., Analysis of maneuverability effects on rotor/wing design characteristics, 07202
Hansen, Penelope, Solid waste recycling project, national directory, 03326
Hansen, Wallace R., Effects of May 5-6, 1973, storm in Greater Denver area, Colo., 05428
Hanson, D. W., Time and frequency broadcast experiments from ATS-3 satellite, 06918
Hanson, P.R., Communications and control systems, 03722
Happel, John, Catalytic oxidation of sulfur dioxide using isotopic tracers, 10834

Hardy, Edward P., Health and Safety Laboratory fallout program, quarterly summary report, 03924, 06041
Hare, Charles T., Exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, motorcycles, 00023
Hargis, Bryan, Scientific and technological development activities of Bureau of Census, 02883
Harkins, M.D., Relativistic effects in satellite dynamics and doppler tracking, 04707
Harley, John H., HASL procedures manual, 06042
Harman, George G., Semiconductor measurement technology, microelectronic ultrasonic bonding, 05649
Harmatz, Milton, Spectral identification of compounds formed by nuclear radiation in air for remote fallout survey, 03900
Harrington, Douglas E., Thrust performance of isolated plug nozzles with 2 types of 40-spoke noise suppressor at Mach numbers 0-0.45, 08044
Harris, George L., Area handbook for Nepal, Bhutan, and Sikkim, 04861
Harris, J. Donald, Ear and hearing in aquatic and dysbaric environments, 08691
Harris, Keith L., Tin, 05596
Harris, Louis, Public and high blood pressure, 04659
Harris, Marshall, Entrepreneurial control in farming, 06474
Harris, Norman E., Survey of noncarbonated fruit juices and fruit-flavored beverages, 04848
Harris, Robert W., Optimization of probe excitation for 2 probe measurement of refractive-index structure function constant of atmosphere, 04698
Harrison, Eveard T., Soil survey of Columbia County Area, Wash., 08845
Harrison, Lawrence J., Hydraulic design of improved inlets for culverts, 09299
Hart-Smith, L.J., Analysis and design of advanced composite bonded joints, 08711
Hart, B.A., Telephone density and telephone company area data, 04973
Hartzell, L.G., Radiant panel test for flooring materials, development, 08754
Hasbrook, A. Howard, In-flight performance of civilian pilots using moving-aircraft and moving-horizon attitude indicators, 07247
Hasegawa, Saburo, Laboratory study of some performance characteristics of aluminum oxide humidity sensor, 10272
Hashin Zvi., Non-linear behavior of fiber composite laminates, 09479
Haskell, James E., Producer-based cotton marketing system, 07121
Hassan, H.A., Thermodynamic properties of UF6 at high temperatures, 08039
Hatch, L.T., Chemical/physical and biological treatment of wool processing wastes, 07758
Haugaard, Erik, Portrait of poet, Hans Christian Andersen and his fairytales, 11589
Haushild, W.L.:
Distribution of radionuclides in Columbia River streambed from nuclear reactors, Hanford Reservation to Longview, Wash., 08612
Predicted effects of proposed navigation improvements on residence time and dissolved oxygen of the salt wedge in Duwamish River estuary, King County, Wash., 01261
Hauth, Leland D.:
Rainfall-runoff data for small drainage areas of Missouri, 04479
Selected storm events in 5-minute increments from Missouri rainfall stations at Kansas City, Saint Louis, Springfield, and Columbia, Mo., 04481
Haviland, Virginia, Children's books, 1973 list, 10167
Haydon, George W., Terrestrial surface power flux density limits for services using satellites, 03988
Hayduk, Robert J., Correlation of new hypervelocity impact data by threshold penetration relations, 01405
Hayes, Jack, Handbook for home, 04779, 05015
Haynes, F. Donald, Tensile strength of ice under triaxial stresses, 07673
Haynes, Richard D., Technique to improve fuel extraction for coal seams intersected by oil and gas wells, 06832
Heard, Walter L., Computer program for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
Heare, Gertrude E., Latin American military expenditures, 1967-71, 03768
Hearn, George H.:
Remarks by George H. Hearn, 11506
Remarks of Commissioner George H. Hearn, 06617, 08566, 10908-10
Remarks of Vice Chairman George H. Hearn, 01205
Hearn, R.J., Advanced engine control program, 07194
Heath, Horton, Drug enforcement, 01892
Heavers, Barbara A., CO effects on acid-base balance in air saturation dives, 03556
Hebert, John R., Panoramic maps of Anglo-American cities, 08687
Hecht, T. A., Urban air shed photochemical simulation model study, 09280
Heezen, Bruce C., Covering leg 20 of cruises of drilling vessel Glomar Challenger, 06993
Heffner, Robert L, Soil survey of Monroe County, N.Y., 00650
Hefner, Dennis L., Medical insurance sample, prescription drugs, 10411
Hefner, Jerry N., Effect of geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, 06883
Heiken, Grant, Atlas of volcanic ash, 10408
Heldman, Dennis R., Investigation of energetics of water binding in dehydrated foods at very low moisture levels in relation to quality parameters, 04833
Heller, John R., National Cancer program and international cancer research, 10274
Helley, Edward J.:
Historic flood information for northern California streams from geological and botanical evidence, 04473
Preurbanization reconnaissance study of Lake Earl, Del Norte County, Calif., 07859
Hellwig, H., Frequency standards and clocks, tutorial introduction, 11167
Helmer, R.L., Effect of cooking and fat level on oxygen uptake of freeze-dried cooked ground beef, 04838
Hendee, John C., Public involvement and Forest Service, experience, effectiveness and suggested direction, 07827
Henderson, Croswell, Bio-assay investigations for International Joint Commission, 10376

Henderson, Herbert R., Results of noise measurement program on standard and modified OH-6A helicopter, 01401
Henderson, John J., Indoor-outdoor air pollution relationships, annotated bibliography, 03879
Hendricks, Robert C., WASP, flexible FORTRAN IV computer code for calculating water and steam properties, 05623
Herriot, Roger A., Illustrative projections of money income size distributors for families and unrelated individuals, 07267
Hershey, A. V., FORTRAN programming for surface wave trains, 05732
Herskovitz, A., CH-47A design and operational flight loads study, 06015
Hersman, M. Frank, Technology utilization in public sector, 10348
Herwig, Lloyd O., U.S. solar energy research program, 10349
Heslin, Thomas, Effects of particle size on optical properties and surface roughness of glass-balloon-filled black paint, 11138
Hess, Robert W., Wind-tunnel roll-damping measurements of winged space shuttle configurations in launch attitude, 06875
Hesseltine, C.W., Sources and management of micro-organisms for development of fermentation industry, 07108
Hetzel, Alice M., Teenagers, marriages, divorces, parenthood, and mortality, 00566
Heyder, E., Mineral and electrolyte responses following severe decompression stress, 03557
Heyman, Joseph S., Ultrasonic signal enhancement by resonator techniques, 08057
Heyson, Harry H., Theoretical and experimental investigation of performance of fan-in-wing VTOL configuration, 08731
Hibler, W.D.:
Height variation along sea ice pressure ridges and probability of finding holes for vehicle crossings, 05304
Sea ice terrain model and its application to surface vehicle trafficability, 07674
Hicks, Harry C., Regeneration of chromated aluminum deoxidizers, 10840
Hicks, Raymond M., Assessment of airfoil design by numerical optimization, 11658
Higgins, Joseph J., Kenaf leaf development and stem height, 05956
Higgins, T.P., Study of quiet turbofan STOL aircraft for short haul transportation, 08030
Highland, Henry A., Barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
Hill, Paul F., Army lawyer, 01658
Hill, Richard. Ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame, 11259
Hillard, Stanley E., Determination of critical nondimensional parameters in aircraft dynamic response to random input, 08033
Hills, Gerald E., Directory of minority business resources of American Marketing Association, 07323
Hilst, Glenn R., Development and preliminary application of an invariant coupled diffusion and chemistry model, 01390
Hindelang, Michael J., Sourcebook of criminal justice statistics, 11023
Hindman Edward E., Phase III, Project Gulf Q, characterization of maritime cumulus clouds, 08179
Hines, Bob, Fifty birds of town and city, 08850
Hines, W.G., Preliminary investigation of mercury-hazard potential, Warm Springs Dam and Lake Sonoma project, Dry Creek Basin, Sonoma County, Calif., 07857
Hingst, Warren R., Comparison of theoretical and experimental boundary-layer development in mixed-compression inlet, 08723
Hippensteele, Steven A., Pressure-loss and flow coefficients inside chordwise-finned, impingement, convection and film air-cooled turbine vane, 10226
Hirsch, Albert A., BEA quarterly model as forecasting instrument, 01081
Hirsch, Donald E., Correlations of basic gel permeation chromatography data and applications to high-boiling petroleum fractions, 11636
Hix, Marion W., Apollo experience report, 03611
Hobbs, Horton H., Synopsis of families and genera of crayfishes (Crustacea, Decapoda), 08836
Hodges, Arthur L., Ground water availability in Barre-Montpelierarea, 00435
Hodges, John D., Comparison of oleoresin composition in declining and health loblolly pines, 00409
Hoekstra, Pieter:
Ground resistivity survey in area of Tennessee-Tombigee Waterway, 01105
Measuring thermal properties of cylindrical specimens by use of sinusoidal temperature waves, 05298
Hoffman, George L., Records of selected water wells and test holes in Oklahoma Panhandle, 01269
Hogan, C.Michael, Statistical prediction of equilibrium temperatures from standard meteorological data bases, 05326
Holder, Shelby H., Costs of building and operating rice drying and storage facilities in south, 00722
Holland, Robert C., Social performance of financial institutions, monetary perspective, 01224
Holland, Wayne, SSME/side loads analysis for flight configuration, 11117
Hollenbeck, G. R., Ballistic made mercury orbiter mission opportunity handbook, 00546
Hollinger, Richard H., Advanced capacitative oil debris monitor, 07183
Hollis, Helen R., Pianos in Smithsonian Institution, 05791
Hollis, Mark D., Grand (Neosho) River investigation, Kansas, Oklahoma, Missouri, Arkansas, 10380
Hollister, Charles D., Atlantic Continental Shelf and slope of United States, texture of surface sediments from New Jersey to southern Florida, 07860
Holm, Harvey W., Effects of protozoa on fate of particulate carbon, 00327
Holm, Raymond G., Acoustic radiation patterns for source in hard-walled unflanged circular duct, 06868
Holmberg, N., Survey of technical requirements for broadband cable teleservices, 04972
Holmes, Charles W., Distribution of selected elements in surficial marine sediments of northern Gulf of Mexico Continental Shelf and slope, 05435
Holt, Ed, Production, prices, employment and trade in Northwest forest industries, 02501
Holt, William H., Projectile loader for research gas gun, 05738
Holub, Robert, Multispectral study of extratropical cyclone with Nimbus 3 medium resolution infrared radiometer data, 06854

Holze, Gordon, Stiffness matrix reduction for large structural systems using Cholesky decomposition, 09984
Holzworth, George C., Meteorological episodes of slowest dilution in contiguous United States, 07736
Homack, Peter, Utilization of trickling filters for dual treatment of dry and wet weather flows, 06570
Homes, Alan R., Open market operations in 1973, 08576
Hone, Horace T., Development of cargo slings with nondestructive checkout systems, 07201
Hooker, Verne E., Overcoring equipment and techniques used in rock stress determination, 10183
Hooper, John C., Performance analysis of ascent propulsion system of Apollo spacecraft, 08055
Hooper, Mary E.:
Higher education, 1970-71, associate degrees and other formal awards below baccalaureate, 00294
Students enrolled for advanced degrees, fall 1971, 09264
Hoops, Richard G., Fixed format lexicon for nuclear medicine reports, 11758
Hoover, John E., Apollo experience report, 11150
Hoover, Richard A., Flight-control data needs, terminal display devices and ground system configuration requirements, 11149
Hopkins, S. H., Effects of salinity and salinity changes on life in coastal waters, annotated bibliography, 01143
Hopper, Edgar, Some applications and limitations of fast Fourier transform, 11111
Horlick, Max, Supplemental security income for aged, comparison of 5 countries, 05795
Horn, Faye H., Fiche index for nuclear dockets, 07231, 08304
Hornbeck, Robert W., Numerical marching techniques for fluid flows with heat transfer, 06847
Horowitz, Alan, Application of repro-modeling to analysis of photochemical air pollution model, 10830
Horstkotte, G. A., Pilot-demonstration project for industrial reuse of renovated municipal wastewater, 00338
Hotes, F.L., Comparative costs of erosion and sediment control, construction activities, 08266
Housseau, M., Study of reactions between fuel (U,Pu)02 and sodium, 07211
Houston, W.R., Increasing crude protein content of forage with atrazine on shortgrass range, 04792
Hoverkamp, J. D., Vehicle misalignment prediction and vehicle/experiment pointing compatibility assessment, 11116
Hovey, Marcia J., Job safety & health, 02190
Howard, Amster K.:
Laboratory load tests on buried flexible pipe, steel and fiberglass reinforced resin pipe in sand backfill, 03725
RPM pipe deflections on Yuma project field test, 04724
Steel and fiber glass reinforced resin pipe in sand backfill, 03725
Howell, William, Indian leader, 02152
Howell, William E., Experimental investigation of damping contribution of elastomeric ablator on aluminum beams, 10215
Howland, Robert M., Sport fishery abstracts, 02607
Howser, Lona M., STAR adaption for 2 algorithms used on serial computers, 11102
Hrastar, John A., Testing satellite automatic nutation control system, 11134
Hruschka, Howard W., Systematic application of Duncan's multiple range test to biological data, 02803
Hsiao, J.K., Patterns and polarizations of simulated conformal arrays, 08172
Hubbard, R.W., Experimental study of temporal statistics of radio signals scattered by rain, 00810
Huber, Hartmut G.M.:
Contracted resolution, 05728
Role of theorem proving in artificial intelligence, 05743
Huber, N. King, Portage Lake Volcanics (middle Keweenawan) on Isle Royale, Mich., 05433
Huck, Friedrich O.:
Analysis of facsimile-camera response to radiant point sources, 05622
Investigation of facsimile camera response to object motion, 09510
Huckins, Earle K., General form of co-moving tensorial derivative, 11660
Hudson, C. Michael, Study of fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, 03597
Hudson, John F., Common agricultural policy of European Community, 06639
Hudson, Robert Y., Concrete armor units for protection against wave attack, 07713
Huebner, Victor R., Development of improved systems of obtaining time integrated measurements of sulfer dioxide, nitrogen dioxide, nitrogen oxides and other pollutants, 00339
Huffman, James L.:
Army helicopter hydraulic servocylinder reliability and maintainability investigation, 00039
Army helicopter hydraulic system reliability and maintainability investigation, 07185, 08893
Hughes, Patrick, Environmental Data Service, 01914
Hull, David, Rates on consumer instalment loans, 03372
Hull, J. E., Hydrologic conditions during 1971 in Dade County, Fla., 01257
Humes, Arthur G., Revision of family Lichomolgidae Kossman, 1877, cyclopoid copepods mainly associated with marine invertebrates, 07029
Humphrey, Maurice E., Soil survey of Calloway and Marshall Counties, Ky., 08219
Hunt, L. Roane, Aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
Hunt, P.G., Microbia degradation of petroleum in Continental Shelf sediments, 05303
Hunt, Robert E., Failure analysis of helicopter external cargo-handling systems, 00040
Hunten, Donald M., Atmosphere of Titan, 10214
Hunter, S. C., Advance, small, high-temperature-rise combustor program, 10515
Hurr, R. Theodore, Hydrogeologic characteristics of valley-fill aquifer in Brighton reach of South Platte River Valley, Colo., 01255, 04469
Hussey, Ruth A., Environmental bibliography, 07733
Hust, J.G., Electrical resistivity of electrolytic iron, SRM 797 and austenitic stainless steel, SRM 798, from 5-280 K, 08098

564-800 O - 75 - 34

Hutchins, Pamela W., Cancer chemotherapy reports, 01699, 01701
Hutchinson, Michael, Five year plan summary, East Germany, 09977
Huvos, Joseph B., Mineral industry of North Dakota, 11615
Hwang, C. C., Dispersion of dust in channel by turbulent gas stream, 09473
Hyped, Warren D., Chemical/physical and microbiological characteristics of typical bath and laundry waste waters, 08736

I

Idelson, Evelyn M., Affirmative action and equal employment, guidebook for employers, 07786
Ignatonis, A. J., MSFC sortie spacelab environmental control system (ECS) phase B design study results, 10233
Ingalsbe, Gene, News for farmer cooperatives, 02374
Ingram, W.F., Numerical model of ride dynamics of vehicle using segmented tire concept, 01145
Irland, Lloyd C., Basis charts for southern lumber and plywood hedges, 00405
Iseley, Charles W., Telemetering hydrographic tide gauge, 06987
Iseri, Kathleen T., Large rivers of United States, 05426
Isgrig, Dan, Soil survey of Stafford and King George Counties, Va., 10432
Issen, Lionel A., Report of fire tests on flexible connectors in HVAC systems, 06908
Ivanov, V.V., Transfer of radiation in spectral lines, 09516
Iwanaga, Paul M., Effects of logging on growth of juvenile coho salmon, 01152

J

Jacey, Michael J.:
Compression-decompression schedule for producing dysbaric stress in mature rats, 06825
Hematologic responses to severe decompression stress, 04579
Jackson, Frederick C., Curvature-corrected Kirchoff formulation for radar sea-return from near vertical, 10205
Jackson, T. J.:
Air conditioning, commercial and industrial refrigeration equipment trade data, 10803
Textile machinery trade data, 10804
Jacobowitz, H., Effects of aerosols on determination of temperature of earth's surface from radiance measurements at 11.2 um, 05700
Jacobsen, R.T., Thermophysical properties of nitrogen from fusion line to 3500 R (1944 K) for pressures to 150,000 PSIA (10342 x 10 to 5th power N/m2), 08100
Jacobson, Paul, Farming terraced land, 07118
Jaech, John L., Statistical methods in nuclear material control, 10524
James, George M., Standardizing container sizes for shipping fresh meat products, 02804
James, Harold C., Design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
Janus, John B., Analyses of tipple and delivered samples of coal collected during fiscal year 1973, 06836
Janzer, V.J., Determination of aquatic primary productivity (photosynthesis) in Lake Koocanusa, Mont. by carbon-14 light and dark bottle method, 04463
Jarboe, D. M., Joining magnetic alloy, 02849
Jaro, Matthew A., Grids, computer mapping system, 08937
Jarrett, R.D., Radiation dosimetry at cryogenic temperatures using thermoluminescence, 04836
Jaworski, C.A., Research studies on field production of tomato transplants in southern Georgia, 02819
Jedlicka, Charles L., Nomographs for thermal pollution control systems, 05327
Jefferies, Kent S., Digital computer study of nuclear reactor thermal transients during startup of 60-KWe Brayton power conversion system, 08720
Jefferson, Richard H., Rapid wet chemical methods for analysis of blast furnace slags, 11603
Jelacic, John E., Impact of granting most favored nation treatment to countries of Eastern Europe and People's Republic of China, 10464
Jelesnianski, Chester P., SPLASH (special program to list amplitudes of surges from hurricanes), 10321
Jellinek, H. H. G., Adhesion of ice frozen from dilute electrolyte solutions, 09981
Jenerick, Howard P., Proceedings NIH acupuncture research conference, 04664
Jenkins, Evan C., Surface fracturing of Carpetbag event, Yucca Flat, Nevada test site, Nevada, 04483
Jenkins, Renaldo V., Theoretical and experimental investigation of cylindrical electrostatic probes at arbitrary incidence in flowing plasma, 09511
Jenkins, T. F., Detection of cyclohexanone in atmosphere above emplaced antitank mines, 10811
Jenkins, T.F., Analysis of vapors emitted from military mines, 07677
Jennings, Daniel T., Emergence cage for soil-pupating Rhycionia spp., 08590, 10069
Jennings, W. Pat, Telephone, directory, House of Representatives, 09012
Jensen, Keith F.:
Effect of defoliation on carbohydrate content of yellow-poplar seedlings, 06653
Two-cell chamber for measuring gas exchange in tree seedling, 06652
Jobes, W. P., Structures on expansive soils, 11460
Jobson, Daniel J., Filter spectrometer concept for facsimile cameras, 11132
Joel, Lambert S., Report on pre-test of survey plan for estimating incidence of lead based paint, 08096
Johler, J. Ralph:
Propagation of Loran-C ground and ionospheric wave pulses, 03989
Reflection coefficients for computer simulation of Loran C/D pulse propagation transforms, 00084
Johns, Albert L.:
Effects of flanges on pressure distribution on flat plate and on corrugated surface at Mach numbers from 0.60-1.97, 08719
Venting characteristics of gaseous helium and nitrogen discharging into free stream at Mach numbers from 0.60-1.57, 10222
Johnson, Aldie E.:
Computer programs for digitizing and using of library tapes of ship stress and environment data, 07027

Method for digitizing, preparing and using library tapes of ship stress and environment data, 03735
Johnson, Bradley V., Shear testing of simulated lunar soil in ultrahigh vacuum, 06835
Johnson, Charles E., Consistency of reporting of ethnic origin in current population survey, 07285
Johnson, Donald E., Development of analytic techniques to measure human exposure to fuel additives, 10827
Johnson, Donald R., Thermal characteristics of shortite, 09474
Johnson, E.R., CMP instructions, specifications, and example, 01110
Johnson, Ellis A., Mines against Japan, 08165
Johnson, G.R.A., Radiation chemistry of nitrous oxide gas, primary processes, elementary reactions and yields, 06905
Johnson, James W., Proton-radiation damage in Gunn oscillators, 03604
Johnson, M. V., Annual peak discharges from small drainage areas in Montana through Sept.1972, 01250
Johnson, Marion M.:
Inventory of records of President's Commission on Assassination of President Kennedy, 04633
Preliminary inventory of records of Supreme Court of United States, 05641
Johnson, Mattie W., List of available publications of Department of Agriculture, 11337
Johnson, Raymond B., Helicopter drive system load analysis, 07200
Johnson, Raymond H., Assessment of potential radiological health effects from radon in natural gas, 08188
Johnson, Robert C., Calculation of supersonic stream parameters of real gas from measurable quantities using FORTRAN IV routines, 10256
Johnson, Robert M., Evaluation of paper, cotton, and polyethylene-film bags for packaging cornmeal, 00012
Johnson, Roger G., Effect of high temperature storage on acceptability and stability of intermediate moisture food, 04842
Johnson, T. E., Evaluation of regenerative pressurized fluidized-bed combustion process, 10837
Johnson, Thomas A., Army logistician, 01659
Johnson, Warren B., Lidar studies of stack plumes in rural and urban environments, 06552
Johnston, James R., Effect of cyclic conditions on dynamic oxidation of gas turbine superalloys, 10248
Johnston, Raymond E., Evaluation of portable photometer to measure light output of installed in-pavement lighting fixtures, 11260
Johnston, William F., Tamarack seedlings prosper on broadcast burns in Minnesota peatland, 04437
Jones, B. V., Evaluation of accessory materials for desalination plants, final report, 03728
Jones, H.C, Investigation of alleged air pollution effects on yield of soybeans in vicinity of Shawnee Steam Plant, 00704
Jones, Jack A., Design calculations for a Halon 1301 distribution tube for aircraft cabin fire extinguishing system, 09627
Jones, LeRoy, Tree planters' notes;, 02688
Jones, Robert A., Measured pressure distributions on large-angle cones in hypersonic flows of tetrafluoromethane, air, and helium, 08059
Jones, Robert W., Numerical experiment on prediction of northeast (winter) monsoon in Southeast Asia, 01478
Jones, Ruben L., Estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
Jones, Sidney L., Realities of our political economy, 08328
Jordan, D. G., Survey of water resources of St. Thomas, V.I., 04484
Jordan, Dan H., Soil survey of Cherokee, Gilmer, and Pickens Counties, Ga., 01559
Jordening, David L., Research needs and priorities, water pollution control benefits and costs, 05338
Jorgensen, Donald G., Water resources of Big Sioux River valley near Sioux Falls, S. Dak., 03419
Joyce, Reid P., Fully proceduralized job performance aids, 09671-3
Judson, Arthur, Predicting avalanche intensity from weather data, statistical analysis, 04447
Judy, Richard W.:
Conceptual design for cost evaluation of alternative educational systems in managing Air Force Academy and Air Force ROTC, 04800
Ductile fracture equation for high-strength structural metals, 04696
Fracture extension resistance of aluminum alloys in thin sections, 07004
Juhasz, Albert J., Effect of diffuser bleed on performance of annular swirl can combustor, 11108

K

Kahn, E., Review of recent analytical and experimental studies applicable to LMBR fuel and blanket assembly design, 07227
Kaiser, Edward J., Promoting environmental quality through urban planning and control, 01181
Kaitz, Evelyn F.:
Consumers' buying practices, uses, and preferences for fibers in retail piece goods, 05947
Men's attitudes toward cotton and other fibers in selected clothing items, 03856
Kallio, Edwin, Test of photographic method for determining cubic-foot volume of pulpwood, 06645
Kaminskas, R.A., Nuclear instrument landing system, 06049
Kamotani, Yasuhiro, Experiments on confined turbulent jets in cross flow, 08712
Kamper, R. A., Measurement of rf power and attenuation using superconducting quantum interference devices, 01423
Kane, Edward J., Study of determine feasibility of low sonic boom supersonic transport, 08023
Kaniuka, Edward F., Agricultural research, 01614
Kaplar, Chester W.:
Bibliography on winter construction, 10812
Moisture and freeze-thaw effects on rigid thermal insulations, 10813
Karalekas, Peter C., Cross-connection control manual for water pollution control, 04765
Karchmer, Allen M., Acoustic tests of 15.2-centimeter-diameter potential flow convergent nozzle, 09488
Karhausen, L., Iodine metabolism in children and adolescents in area of community, 08298
Kascak, Albert F., Thermodynamic analysis of axial-flow laser-powered thruster, 09497

Kasemir, Heinz W., Light suppression by chaff seeding, 10323
Kassel, Philip C., Characteristics of capacitor-type micrometeoroid flux detectors when impacted with simulated micrometeoroids, 06867
Katell, Sidney, Basic estimated capital investment and operating costs for underground bituminous coal mines, 05579
Katsanis, Theodore, FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial-or mixed-flow turbomachine, 09500
Katz, Julius L., United States and Canada, facing energy crisis, 11776
Katzberg, Stephen J., Design and evaluation of controls for drift, video gain, and color balance in spaceborne facsimile cameras, 04620
Kautz, Harold E., Preparation and evaluation of thin-film sodium tungsten bronzes, 08047
Kavaliunas, John, Data uses in private sector, proceedings of executive seminar, 09710
Kawahara, Fred K., Semi-automatic extraction of organic materials from water, 10387
Kaye, Michael C., Truck noise, 07084
Keairns, D.L., Evaluation of fluidized-bed combustion process, 07740, 07745
Kearney, Edward F., Rules of road rated, 01450
Keefe, Eugene K., Area handbook for Hungary, 04863
Keely, Nancy H., Selling in Australia, 00285
Keeney, Dennis R., Protocol for evaluating nitrogen status of lake sediments, 07730
Kehn, Thomas M., Sturgis Formation (Upper Pennsylvania), new map unit in western Kentucky coal field, 03408
Kelley, Henry L., Flight investigation of effects of fan-in-fin yaw control concept on helicopter flying-quality characteristics, 08727
Kelly, Edward H., Acoustic sounding in planetary boundary layer, 11093
Kelly, Elizabeth C., FDA clinical experience abstracts, 01939
Kelly, Francis J., U.S. Army Special Forces, 1961-71, Vietnam studies, 04880
Kelly, James E., Assessment of occlusion of teeth of children, 6-11 years, United States, 09529
Kelly, Kenneth L., Colorimetry and spectrophotometry, 10268
Kelly, T. E., Summary of ground-water data, post headquarters and adjacent areas, WHite Sands Missile Range, N. Mex., 01270
Kelly, Thomas C., Investigation of digital mobile radio communications, 08678
Kelly, W. Lane, Investigation of responsivity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, 04622
Kelly, William T, Soil stabilization investigation, 00299
Kempel, Robert W., Flight evaluation of HL-10 lifting body handling qualities at Mach numbers from 0.30 to 1.86, 08071
Kennedy, A.S., Air pollution/land use planning project, 08540-1
Kennedy, Harvey E., American woods, baldcypress, 00392
Kennedy, J. G., Trafficability of soils, 10816
Kern, H.M., Coast Guard reservist, 01772
Kerns, D. M., Scattering-matrix description and near-field measurements of electroacoustic transducers, 10270
Keys, W.S., Location and characteristics of interface between brine and fresh water from geophysical logs of boreholes in upper Brazos River basin, Tex., 04476
Khan, E., Simplified approach for predicting temperature distribution in wire wrapped assemblies, 07228
Killackey, J., Condenser and fan development for Rankine cycle engines, 11475
Kilpatrick, R.A., Cereal rust nurseries in Caribbean area, 1950-72, 03837
Kim, Y.G., Directional transforamtion in steel, texture behavior and martensite morphology, 06490
King, A.H., Air flotation, biological oxidation of synthetic rubber and latex wastewater, 06564
King, Irene A., Bond sales for public school purposes, 07660
King, John M., Soil survey of Transylvania County, N.C., 10433
King, Lyndell S., Investigation, at inlet locations, of fuselage flow fields at transonic and supersonic speeds, 01408
Kinney, Jo Ann S., Measures of evoked responses and EEGs during shallow saturatin diving, 07962
Kinser, W.Hugh, Radiometric gages, bibliography, 04890
Kiplovitz, Kay, Civil rights digest, 01720
Kirby, James G., Crude petroleum and petroleum products, 10190
Kircher, David S., Interim report on motor vehicle emission estimation, 04378
Kirk, R. Gordon, Nonlinear transient analysis of multi-mass flexible rotors, theory and applications, 03581
Kirk, W. J., Magnet-wire stripping, 08897
Kirkman, Karl L., Evaluation of effectiveness of various devices for attenuation of trailing vortices based on model tests in large towing basin, 08710
Kish, Jules G., Helicopter transmission modularization and maintainability analysis, 07195
Kissinger, Henry A.:
  Address by Secretary of State Henry A. Kissinger before 6th special session of United Nations General Assembly, 11772
  Address by Secretary of State Henry A. Kissinger, delivered before General Assembly of Organization of American States, 11777
  Address by Secretary of State Henry A. Kissinger, 03759
  Problems facing world community, 03770
  Secretary Kissinger reviews U.S.-European relations (address), 07050
Kistler, Ronald W., Hetch Hetchy Reservoir quadrangle, Yosemite National Park, Calif., analytic data, 06702
Kittner, Dorothy R., Digest of selected health and insurance plans, 01881
Klapthor, Margaret Brown, First Ladies Hall, 03737
Klassen, E. T.:
  Address by Postmaster General E. T. Klassen, 03814
  Remarks of Postmaster General E. T. Klassen, 01592, 09648
Klebba, A. Joan, Mortality trends, age, color, sex, United States, 06932
Klein, David H., Mercury in environment, 07752
Klein, Peter D., Proceedings of first International Conference on Stable Isotopes in Chemistry, Biology, and Medicine, 06034
Kleinman, David L., Predictive pilot model for STOL aircraft landing, 09481

Klessig, Lowell L., Town sanitary districts in Wisconsin, their legal powers, characteristics and activities, 09652
Kleysteuber, William K., Undulatory conveyor tests and evaluation, 09469
Klinger, F. L.:
Iron ore, 11608
Mineral industry of Finland, 11051
Mineral industry of Norway, 11616
Klove, Robert C., Census county divisions, past and future, 04938
Knezo, Genevieve J., Science technology and American diplomany, 09073
Kniseley, Ralph M.:
Cooperative group to study localization of radio pharmaceuticals, 00750
Coding index for tumor scanning, 02855
Knott, J.M., Effects of urbanization on sedimentation and floodflows in Colma Creek basin, Calif., 11537
Koch, Hugo K., Podiatry manpower, characteristics of clinical practice, 11680
Koch, L., Determination of isotopic composition of uranium and plutonium, 02844
Koch, Peter, Wood machining abstracts, 1970 and 1971, 00418
Koehler, J.H., Ground-water conditions during 1969, Vandenberg Air Force Base area, Calif., 07848
Koh, Robert C., Mathematical model for barged ocean disposal of wastes, 10841
Kohlman, David L., Flight test data for Cessna Cardinal, 08025
Kolodrubetz, Walter W., Pension benefit levels, methodological analysis, 10416
Komar, Charles A.:
Analysis of factors influencing fracture initiation and orientation in oil reservoir sandstone, 07989
Directional properties of coal and their utilization in underground gasification experiments, 08010, 09475
Koning, Geert de, Study of financial practices of governments in metropolitan areas, 00458
Konnick, P.J., MC2810 high-voltage connector characteristics and development report, 02856
Koplovitz, Kay, Civil rights digest, 01720
Koplyay, Janos B., Automatic interaction detector-version 4 (AID)-4, reference manual, 07142
Kotok, Edward S.:
Ponderosa pine, American wood, 03391
Western red cedar, American wood, 03392
Western white pine, American wood, 03393
Kovar, John A, Soil survey of Crawford County, Iowa, 00646
Kowlessar, O. Dhodanand, Gastroenterology abstracts and citations (periodical), 02059
Kozielec, John, Statistics of income 1970, fiduciary income tax returns, 07896
Kramer, Beth, Silent majority, 09583
Kramer, Paul C., Apollo experience report, systems and flight procedures development, 01411
Krause, Dale C., Quantitative marine geomorphology of East Pacific rise, 06976
Krause, Kenneth R., Large cotton, feed grain, and wheat farms, 03310
Kreech, Warren W., Standard rock suite for rapid excavation research, 11060
Kreitler, Bonnie, USDA (periodical), 02721
Kreitlow, Kermit W., Plant morphogenesis as basis for scientific management of range resources, 05948
Krestov, G.A., Thermochemistry of compounds of rare-earth and actinide elements, 08299
Krickovic, Stephen, Bleeder system in virgin area in Pittsburgh coalbed mine, 03572
Krieger, Herman L., Monitoring radio-nuclides in reactor effluents, 09287
Kriesberg, Martin, Improving marketing systems in developing countries, approach to identifying problems and strengthening technical assistance, 07653
Krinard, R.M., American holly, American woods, 03388
Krist, William K., EEC and EFTA rules of origin governing preferential trade, 08530
Kromer, George W., U.S. food fat consumption trends, 11454
Kroner, Robert C.:
Comparison of various reagents proposed for use in Winkler-procedure for dissolved oxygen, 10384
Determination of phosphate, nitrate and alkyl benzene sulfonates (ABS) in water with auto analyzer, 10385
Krueger, Keatha K., Sixth annual contractors' conference of the artificial Kidney program, 06949
Kruse, E.G., Water use by native grasses in high altitude Colorado meadows, 08274
Krushensky, Richard D., Geology of Istaru quadrangle, Costa Rica, 03407
Kufeld, Roland C., Foods of Rocky Mountain mule deer, 04446
Kuhlman, E. A., Investigation of high temperature antennas for space shuttle, 04601
Kukacka, L.E., Concrete-polymer materials, 08825
Kuklis, Andrew, Molybdenium, 09464
Kulin, Gershon, Hydraulic research in United States and Canada, 06911
Kupper, Louis, Containers and packaging, quarterly industry report, 01815
Kurbatov, B. V., Hydrodynamic resistance of semiaquatic mammals, 09408
Kurtz, Horace F., Bauxite, 05590
Kurtz, Robert L.:
Application of holography as real-time 3-dimensional motion picture camera, 03617
Optical holography applications for zero-g Atmospheric Cloud Physics Laboratory, 11157
Kyle, George M., Outdoor recreation action, reports, 02411

L

Labus, Thomas L., Zero-gravity venting of three refrigerants, 06886
Lake, E.R., Study of role of pyrotechnic systems on space shuttle program, 00545
Lallemand, J. P., Fabrication of clad tube for fast reactor fuels, 09693
Lamb, Charles E., Ground water data in Santa Barbara and southern San Luis Obispo Counties, Calif., 11540
Lamb, Donald R.:
Proceedings of workshop on expansive clays and shales in highway design and construction, 06607
Summary of proceedings of workshop on expansive clays and shales in highway design and construction, 06610
Land, Carlon S., Optimum gas saturation for maximum oil recovery from displacement by water, 11075
Land, Larry F.:
Appraisal of water resources of eastern Palm Beach County, Fla., 04459

Progress report on water-resources investigations in Palm Beach County, Fla., 01267
Landahl, M., Research on sonic boom problem, 04607-8
Landman, Lynn C., Family planning digest, 01933
Landrock, Arthur H., Ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
Landtiser, Gilbert R., Soil survey of Saint Clair County, Mich., 11238
Lane, Elizabeth, Agricultural economics research, 01611
Lane, H.C., Soil survey of Pontotoc County, Miss., 08848
Lane, Paul H.:
Lumber recovery from old-growth coast Douglas-fir, 05397
Veneer recovery from old-growth coast Douglas fir, 07831
Lang, W. E., Effect of inertia properties on attitude stability of nonrigid spin-stabilized spacecraft, 10239
Lange, G.Robert, Investigation of core drilling in perennially frozen gravels and rock, 05306
Langway, C.C., Chemical profile of Ross Ice Shelf at Little America V, Antarctica, 07675
Lanier, Eleanor B., Economics of agriculture, reports and publications issued or sponsored by USDA'S Economic Research Service, 06472
Lantz, Edward, Development concept for small, split-core, heat-pipe-cooled nuclear reactor, 10223
Lantz, L.L., Solution control for hybrid microcircuit etching, 08896
Lappala, Donald D., Retracement and evidence of public land surveys, 07836
LaRosa, Paul J., Carbonate bonding taconite tailings, 07769
Larson, D.H., Aerodynamic control of nitrogen oxides and and other pollutants from fossil fuel combustion, 07744
Larson, William C., Effects of jointing and bedding separation on limestone breakage at reduced scale, 11635
Lasker, Reuben, Fishery bulletin, 02026
Lasota, Peter E., Test and evaluation of multimedia cadet career information and counseling center, 07147
Laster, L.L.:
Atmospheric emissions from asphalt industry, 06562
Atmospheric emissions from petroleum refining industry, 03320
Lategola, Michael T., Height and weight errors in aeromedical certification data, 07248
Lattery, Jerome E., Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
Lattier, Edward E., Apollo experience report, 08077
Lawton, M. Powell, Community planning for elderly, 07876
Lazarow, Arnold, Diabetes literature index, 01452, 01879
Leach, Lowell E., Pilot study of dynamics of reservoir destratification, 10855
Leak, Vance G., Separating copper from scrap by preferential melting, 04590
Leak, W.B., Species and structure of a virgin northern hardwood stand in New Hampshire, 06655
Leak, William M., Report of NRL progress, 02539
Leary, Raymond D., Two hundred MGD activated sludge plant removes phosphorus by pickle liquor, 05328
Leasure, William A., Evaluation of commercial intgrating-type042noise exposure meters, 08097
Leavenworth, H. W., Rapid growth of metallic fibers by partitioning sulfur in copper-iron-sulfide mineral, 11629
Lebedinskii, A. V., Distribution, biological effects, and migration of radioactive isotopes, 11307
Lecocq, P., Monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage industrial application to C.G.V.S., 09690
Lee, Douglas H.K., Environmental health perspectives, 01455, 08774, 10291
Lee, Robert E., Theoretical and development work on high-efficiency avalanche diode sources, 10455
Lee, T. M., Circular footings on viscoelastic foundations, 01107
Leeds, Alice A., Psychopharmacology bulletin, 02506
Leenheer, J. A., Fractionation and characterization of natural organic matter from certain rivers and soils by free-flow electrophoresis, 01282
Leeper, Robert C., Study of control force limits for female pilots, 10532
Lehman, D. R., Graphical recoupling of angular momenta, 03633
Lehman, Donald J., Lucky landmark, study of design and its survival, Galveston Customhouse, Post Office, Courthouse of 1861, 08187
Leifeste, Donald K., Dissolved-solids discharge to oceans from conterminous United States, 07845
Leighton, Hope I., Solar-geophysical data, 02600
Lelchook, Jerry, State civil service employee associations, 09438
Lemanski, A.J., Design, fabrication, test, and evaluation of spiral bevel support bearings, 06013
Lemkey, F.D., Eutectic superalloys strengthened by delta, Ni3Cb lamellae and gamma-l, Ni3Al precipitates, 05608
Lennox, T. J.:
Corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
Effect of stray direct current effects at various current densities on corrosion of steel, 11209
Lenski, Joseph W., Test results report and technology development report, HLH/ATC drive system aft rotor shaft bearing test, 08290
Leonard, Edward F., Evaluation of membranes for hemodialyzers, 06947
Lerman, Robert I., Studies in public welfare, 04034
Lerner, Lawrence, New York offshore airport feasibility study, 11789
Lerner, Phillip R., Social security disability applicant statistics, 10421
Lescure, William J., Naval research reviews, 02353
Leslie, Edward A., Market factors in United Kingdom, 00282
Lessem, Allan S., Variable-stress vehicle reliability model, 08539
Leung, Woot-Tsuen Wu:
Food composition table for use in East Asia, 03662

Selected bibliography on East-Asian foods and nutrition arranged according to subject matter and area, 04663
Levenetz, B., Composite-material helicopter rotor hubs, 06012
Levine, Stanley R., Performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests, 11135
Levins, P.L., Analysis of odorous compounds in diesel engine exhaust, 00343
Lewins, Leon, Trading in Poland, 04329
Lewis, Edward V., Load criteria for ship structural design, 03736
Lewis, R.E., Ground-water resources of Yucca Valley-Joshua Tree area, San Bernardino County, Calif., 07852
Lewis, T.H., State air data information survey, 07781
Li, C.P., Anticancer agents recently developed in People's Republic of China, 07905
Lichtenstein, Jacob H., Computed lateral power spectral density response of conventional and STOL airplanes to random atmoshperic turbulence, 09501
Liebe, H.J., Molecular attenuation and phase dispersion between 40- and 140-GHz for path models from different altitudes, 00806
Liebert, Curt H., Flow measurement in base cooling air passages of rotating turbine blade, 11153
Liebman, Israel, Suppression of coal-dust explosions by passive water barriers in single-entry mine, 08705
Ligon, Duke R., Remarks of Duke R. Ligon, 10899
Lindberg, James D., Determination of optical absorption coefficient of powdered materials whose particle size distribution and refractive indices are not known, 04826
Lindow, Herbert A., Selling in Peru, 00284
Lindsay, P.B., Development of porous stainless-steel flow control devices, 02859
Lindsey, David A., Hydrothermal alteration associated with beryllium deposits at Spor Mountain, Utah, 01266
Lindstrom, Roald E., Extraction of molybdenum and rhenium from concentrates by electrooxidation, 03570
Lingg, Barbara A.:
Effects of OASDI benefit increase in Mar. 1974, 10419
School attendance of student beneficiaries in 1969, 08214
Link, Lewis E., Application of remote sensors to Army facility management, 07717
Lins, David A., Simulation model of farm sector social accounts with projections to 1980, 03876
Linsley, Robert M., Devonian carrier shells (Euomphalidae) from North America and Germany, 05436
Linstrom, Harold R., Export opportunities for Vietnam agricultural products in United States, 07652
Lintz, Larry M., Predicting maintenance task difficulty and personnel skill requirements based on design parameters of avionics subsystems, 02823
Lipeles, M., Mechanisms of formation and composition of photochemical aerosols, 06547
Liston, Ronald A., Operational evaluation of SK-5 air cushion vehicle in Alaska, 05305
Litsas, John, Employee compensation and payroll hours, heavy construction industry, 1971, 07952
Littman, Sylvia, State rehabilitation facilities specialist exchange, 02612
Liu, David T., In-flight stabilization of externally slung helicopter loads, 06010
Llamas, J.S., High frame rate underwater camera system, 06050
Lock, Wilton P., Flight investigation of structural mode control system for XB-70 aircraft, 03608
Lockhart, Billy Joe, KSC lubricant testing program, 03606
Loewenthal, Stuart H., Elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
Lohrey, Richard E., Precommerical thinning increases diameter and height growth of slash pine, 00403
Lomov, N.A., Scientific-technical progress and revolution in military affairs (Soviet view), 08283
Long, Larry H., Mobility of population of United States, 03949
Long, Nicholas, Information and referral services, 03833
Long, Robert W., Blueprint for action, 10495
Long, Sheila Ann T.:
Root-mean-square errors in location, orientation and shape in triangulation solution of elongate object in space, derivation of formulas, 11123
Simplified holographic-interferometry technique for real-time flow visualization and analysis, 08725
Longo, Lawrence D., Respiratory gas exchange and blood flow in placenta, 01454
Looney, Zolon M., Cotton gin operating costs in Midsouth, 00013
Lopez, Lois V., Education directory, 1973, education associations, 01088
Lorenz, Philip B.:
Radioactive tracer pulse method of evaluating fracturing of underground oil shale formations, 05598
Use of centrifugal measurements of wettability to predict oil recovery, 11064
Lorie, James H., Public policy for American capital markets, 07088
Lorio, Peter L., Declining pines associated with bark beetle activity in Allen Parish, La., 05394
Losche, Craig K., Black walnut growth better on deep, well-drained bottomland soils, 04436
Loschke, Paul C., Flight evaluation of advanced control systems and displays on general aviation airplane, 11155
Loss, F.J.,
Generalized procedures for use of plane strain and elastic-plastic fracture mechanics options in modernization of nuclear standards, 08170
J-integral characterization of irradiated stainless steels, 04697
Loucks, Daniel P., Selected annotated bibliography on analysis of water resource systems, 10131
Louis, Gain L., Statistical relationships of fiber properties to yarn properties and to spinning efficiency of medium staple cottons, 09662
Loustaunau, Cherie:
Foreign trade regulations of Arab Republic of Egypt, 06459
Foreign trade regulations of Turkey, 05268
Love, Cuthbert M., EASTROPAC atlas, 01470
Love, James E., Flight study of vehicle operational status and monitoring system, 08072
Love, Robert, Carcinogenesis abstracts, 01704

Loveland, R.B., Project Foggy Cloud 4, phase 2, warm fog modification by electrostatically charged particles, 08177
Loveless, Kathleen W., Reclamation era, water review quarterly, 02530
Lovell, Harold L., Appraisal of neutralization processes to treat coal mine drainage, 07766
Lowe, Robert A., Energy recovery from waste, 06590
Lozovoy, George V., Navigator, 02356
Lucas, Edwin L., Comprehensive defect data bank for No. 2 common oak lumber, 00414
Ludwig, C.B., Air pollution measurements from satellites, 08022
Ludwig, Lawrence P., Improved circumferential shaft seal for aircraft gear transmissions, 06853
Luhning, Charles W., Methods for simultaneous determination and identification of MS-222 and metabolites in fish tissues, 05811
Lui, Mei-kao, Urban air shed photochemical simulation model study, 05322
Lundgren, Allen L., Cost-price, useful way to evaluate timber growing alternatives, 06663
Lush, Gerson H., Department of State newsletter, 01874
Lutz, G.A., Discharge and flow distribution, Columbia River estuary, 06699
Lyerly, Samuel B., Handbook of psychiatric rating scales, 05679
Lyle, Jerolyn R., Affirmative action programs for women, survey of innovative programs, 06599
Lynch, M.T., U.S. Navy medicine, 02707
Lynch, Norris, A., Remarks, Sept. 18, 1973, 00290
Lyon, Gordon, Static language analysis, 03645
Lytwyn, Roman R., Ground-based simulator input data for advanced tandem-rotor helicopters, 08294

M

Mack, Robert J., Study of methods which predict supersonic flow fields from body geometry, distance, and Mach number, 06873
Mackenthun, Kenneth M., Toward cleaner aquatic environment, 01191
Mackey, Billie B., Endocrinology index, 01909
MacMahon, Brian, Age at menarche, United States, 05652
MacMillian, Robert T., Mineral industry of Delware, 05595
Maestrello, Lucio, On relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
Magee, E.M., Potential pollutants in fossil fuels, 01170
Magliozzi, B., Noise and wake structure measurements in subsonic tip speed fan, 04606
Magoon, Orville T., Use of Earth Resources Technology Satellites (ERTS-I) in coastal studies, 05294
Mahtab, M.A., Determination of attitudes of joints surveyed with borescope in inclined boreholes, 07972
Malan, Nancy E., Select auiovisual records, photographs of the American city, 05415
Mallory, Edward C., Chemical and spectrochemical analyses of selected ground water in Colorado, 04461
Malmgren, Harald B., Reforming international economic system, 05806
Maloney, R.P., Estimated costs to produce copper at Kennicott, Alaska, 01372
Manar, Thomas A., Marine fisheries review, 02274
Manchester, Alden C., Market structure, institutions, and performance in the fluid milk industry, 05926
Manning, Raymond B., Marine flora and fauna of northeastern United States, crustacea, stomatopoda, 10327
Mansfield, Mike:
European reactions to Soviet-United States detente, 00217
Mexico-United States Interparliamentary Group, 00221
Mansue, Lawrence J., Effects of land use and retention practices on sediment yields in Stony Brook basin, New Jersey, 09345
Marchese, Vincent P., Development and demonstration of fluoric sounding rocket motor ignition, 11091
Marchionna, Nicholas R., Effect of inlet-air humidity, temperature, pressure, and reference Mach number on formation of oxides of nitrogen in gas turbine combustor, 05625
Marcus, Steven R., Geology of Montane zone of central Colorado, with emphasis on Manitou Park, 08600
Mark, Lucile F., Guide to budgeting for retired couple, 00721
Marks, Jacky R., Acoustic radar investigations of boundary layer phenomena, 10210
Marland, S. P., Time for responsilility, 09979
Marriner, Gerald L., Political knowledge and attitudes, 09263
Marron, Beatrice, Mechanized information service catalog, 09522
Marsh, K. V., Nuclear science series, 09701
Marshburn, James P., Phenomena associated with bench and thermal-vacuum testing of superconductors, heat pipes, 06876
Martin, A. Jeff, Operations research in forestry, bibliography, 07826
Martin, A. R., Study of emissions from 1966-72 light-duty vehicles in Washington, D.C., 00024
Martin, Edward J.:
Summary of presentation to Lake Erie Technical Committee, 07818
State of Maryland waste oil recovery and reuse program, 09999
Martin, O. W., Military review, 02297
Martin, Thomas G., Accelerator radiation protection, 04845
Martinelli, M., Snow avalanche sites, 10493
Martinez, J. R., Impacts of transportation control strategies on Los Angeles air quality, 00329
Marto, Paul J., Analytical and experimental investigation of rotating and noncapillary heat pipes, 00548
Marzetta, Louis A., Engineering and construction manual for instrument to make burn hazard measurements in consumer products, 08104
Maselka, Ronald J., National Institutes of Health, profile, 01468
Mason, Thomas J., U.S. cancer mortality by county, 1950-69, 11169
Mast, P. W., Solution graphs, simple algebraic structures for problems in linear anisotropic elasticity, 03693
Matheny, Neil W., Flight investigation of approach and flare from simulated breakout altitude of subsonic jet transport and comparison with analytical models, 11139
Matheny, William D., Pulsars, bibliography, 04888
Mather, J. Warren, Specialization in cooperative feed manufacturing, 06602

Materly, J. E., Industrial wastewaters, Red River Army Depot, Texarkana, Tex., 09271
Mathews, Dayton, Soil survey of Ouachita Parish, La., 09615
Mathews, John J., Sex comparison of reasons for attrition of non-journeyman FAA air traffic controllers, 09705
Matloff, Maurie, American military history, 07965
Matthew, Floyd L., Demonstration of a non-aqueous sewage disposal system, 06573
Matthews, Howard, Household expenditures on cars and selected new household durables, 06092
Matthews, John E., Glossary of aquatic ecological terms, 03827
Matthews, Norman A., Mineral industry of Belgium and Luxembourg, 11610
Mauriello, Joseph A., Rolling element bearing retainer analysis, 06009
Mavrodineanu, R., Standard quartz curvettes for high accuracy spectrophotometry, 06914
Maxwell, Barry R., Velocity lag of solid particles in oscillating gases and in gasses passing through normal shock waves, 09503
Maxwell, Laurie, LEAA newsletter, 02206
May, Alexandra, Stability constants of metal coordination compounds, 07996
May, Charles E., Trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
May, Curtis, Selecting and growing shade trees, 03852
Mayerjak, Robert J., Investigation of advanced structural concepts for fuselage, 07189
Mayeske, George W., Study of attitude toward life of our nation's students, 04350, 05292
Maynard, Harry W., Evaluation of ten fast Fourier transform (FTT) programs, 03901
Mayo, Barbara S., Review of genus Cancellus (Crustacea, Diogenidae) with description of new species from Caribbean Sea, 101548
Mays, Joe A., Development and evaluation of optimized video output from wide angle optical probe/television camera, 10501
Mazzie, John A., Magnetic probes and instrumentation of capacitive dishcharges, 05739
McAlister, A. J., Soft X-ray emission spectra of metallic solids, 09515
McAllister, Donald M., Environment, new focus for land-use planning, 06992
McAndrew, Donald W., Water supply outlook for Nevada, 02747
McCafferty, James A., Federal offenders in United States District Courts, 04769
McCain, J.D., Field measurements of particle size distribution with inertial sizing devices, 03321
McCamy, Calvin S., Image optics, 08099
McCauley, Betty M., Publications and reports of Pacific Northwest Environmental Research Laboratory, 11486
McCay, Roger E., Economic analysis of gypsy moth problem in Northeast, 06670
McClain, W.J., Proceedings of third symposium on sharing of computer programs and technology in nuclear medicine, 06035
McClintic, Robert G., Engineer, 01911
McCloskey, Lawrence R., Marine flora and fauna of Northeastern United States, pycnogonida, 06985
McCombs, Barbara L., Media adjunct programming, individualized media-managed approach to academic pilot training, 09676
McConaghy, J.A., Water resources of city and borough of Juneau, Alaska, 01281
McCulloch, Charles M., Cleat in bituminous coalbeds, 11074
McCullough, A.J., On scene, National Maritime SAR review, 02402
McDermott, G. N., Industrial waste pilot plant study, Great Western Sugar Company, beet sugar refinery, 11728
McDonald, Malcolm E., Key to nematodes reported in waterfowl, 11243
McDonald, Philip M., Incense-cedar, American wood, 03389
McEwen, Harry F.:
Soil survey of Collingsworth County, Tex., 07039
Soil survey of Wharton County, Tex., 11241
McEwen, Robert B., Is remote sensing operational?, 01259
McFarland, Barry P.:
Comparison of task difficulty ratings made by nurses and medical service corpsmen, 10502
Job analysis of medical service career field, 09669
McFarland, Valerie M., Mini-guide to 1972 economic censuses, 04936
McGee, Daniel, Probability of developing certain cardiovascular diseases in eight years at specified values of some characteristics, Framingham study, 01466
McGee, Gale, U.S. and U.N. urgent need for increases U.S. commitment, 01029
McGee, Leonard A.:
En route position and time control of aircraft using Kalman filtering of radio aid data, 05634
Flight results from study of aided inertial navigation applied to landing operations, 03600
McGehee, John R., Experimental validation of landing-dynamics computer program for legged spacecraft landers, 08050
McGhee, Robert J., Low-speed aerodynamic characteristics of 17-percent-thick airfoil section designed for general aviation applications, 08058
Mcgrevy, David F., Validation of two aircrew psychomotor tests, 08887
McGlothlin, William H., Amphetamines, barbiturates, hallucinogens, analysis of use, distribution and control, 06466
McKay, Christine L., Visual characteristics of submarine school candidates, submariners and Navy divers, 11039
McKell, Cyrus M., Wildland shrubs, their biology and utilization, 03395
McLanahan, J. Craig, Effectiveness evaluation of operator training conducted under PSC program, 11478
McLane, James C., Apollo experience report, 08740
McLaurin, William A., Validation of battery of performance tests for prediction of aerospace ground equipment course grades, 07143
McLean, J. D.:
Discrete wall jets in quiescent air, 09482
Use of multiple discrete wall jets for delaying boundary layer separation, 11087
McLemore, B.F., Chemicals fail to induce abscission of loblolly and slash pine cones, 00406
McMahon, Albert D.:
Zinc, 10195
U.S. zinc industry, historical perspective, 08695
McManamon, P. M.:

Summary of technical problems associated with broadband cable teleservices development, 00807
System interconnections, 03986
Use of magnetically encoded cards and digital transmission in land mobile services, 03987
McManus, Michael L., Role of behavior in dispersal of newly hatched gypsy moth larvae, 06667
McMichael, Walter F., Cost of dissolved air flotation thickening of waste activated sludge at municipal sewage treatment plants, 11476
McMillin, L.M., Satellite infrared soundings from NOAA spacecraft, 03671
McNeill, William A., Atmospheric effects on remote sensing of non-uniform temperature sources, 11094
McPherson, Benjamin F., Vegetation in relation to water depth in conservation area 3, Fla., 10952
McQuivey, R. S.:
Principles and measuring techniques of turbulence characteristics in open-channel flows, 00438
Summary of turbulence data from rivers, conveyance channels, and laboratory flumes, 06706
McWhorter, C.G., Johnson grass as weed, 02813
Meagher, Margaret M., Bison of Yellowstone National Park, 05711
Mech, L. David, Wolf numbers in Superior National Forest of Minnesota, 07828
Meeker, Ralph L., Soil survey of Fayette County, Ohio, 08846
Megard, Robert O., Rates of photosynthesis and phytoplankton growth in Shagawa Lake, Minn., 05319
Meissner, Charles R., Distribution, thickness, and lithology of Paleocene rocks in Pakistan, 00436
Meissner, Charles W., Roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry reseach models, 06869
Meitner, Peter L., Water-table tests of proposed heat-transfer tunnels, for small turbine vanes, 11110
Mekosh, George, Pressure sewer demonstration at borough of Phoenixville, Pa., 00341
Melsheimer, E. S., South Ellenville flood control project, Rondout Creek basin New York, 10819
Melton, C. E.:
Physiological responses in air traffic control personnel , Houston Intercontinental Tower, 10530
Physiological, biochemical and psychological responses in air traffic control personnel, 10531
Melville, Phillip L., Developments in airport paving criteria, 10508
Mendelson, Alexander, Boundary-integral methods in elasticity and plasticity, 06879
Mendenhall, J.R., Publications and services of National Bureau of Standards, 01421
Meng, James C.S., New technique for calculating reentry base heating, 08065
Mentink, A. F.:
Maintenance manual, instructions for sensor cleaning and field calibration, 09319
Specifications for integrated water quality data acquisition system, 10390-1
Specifications for slow speed telemetry system for water pollution surveillance, 10863
Mentzer, C.A., Parametric study of cut-off currugated surface properties, 03586
Mercer, Basil W., Treatment of hazardous material spills with floating mass transfer media, 06571
Mercer, J. E., Aerodynamic influence coefficient method using singularity splines, 09483
Mergenhagen, Stephan E., Comparative immunology of oral cavity, 06952
Merkle, Emery J., Interlaboratory comparison of chemical analysis of uranium mononitride, 08733
Merna, James W., Effects of methoxychlor on aquatic biota, 06548
Merrell, John C., Santee recreation project, Santee, Calif., summary report, 10379
Merriam, Charles W.:
Paleontology and stratigraphy of Rabbit Hill Limestone and Lone Mountain Dolomite of central Nevada, 04475
Middle Devonian rugose corals of the central Great Basin, 06705
Silurian rugose corals of central and southwest Great Basin, 06703
Merritt, Melvin L., Physical and biological effects, Cannikin, 06045
Mertins, Paul F., Financial statistics of institutions of higher education, 04347
Merwin, Roland W., Sulfur and pyrites, 09465
Metz, A. Stafford:
Counselors in public schools, 00295
Teacher turnover in public schools, fall 1968 to fall 1969, 07668
Meyer, Federick W., Preliminary evaluation of infiltration from Miami Canal to well fields in Miami Springs-Hialeah area, Dade County, Fla., 01262
Meyer, Morton A.:
CUE program of Census Bureau, 07260
Statistical mapping and geographic base files of Bureau of Census, 10545
Meyer, Nessa G., Admission rates by highest level of education attained, State and county mental hospitals, 10300
Meyer, Thomas O., NX borehole jack modulus determinations in homogeneous, isotropic, elastic materials, 11056
Michael III, G.L., JAG journal, 02188
Michael, J.A., Distribution functions of air-scattered gamma rays above isotropic plane sources, 07222
Michaud, Norman H., Computer program to determine possible daily release window for sky target experiments, 11650
Michel, A., Tests of fuel assemblies under sodium in Na3 loop of CEN/SCK-Mol, 09691
Middleton, David B., Compilation and analysis of typical approach and landing data for simulator study of externally blown flap STOL aircraft, 11661
Mignery, Arnold L., American woods, flowering dogwood, 04425
Mikesh, Robert C., Exhibition flight, 06901
Mikucki, Walter J., Theater of operations water supply, feasibility of manufacturing and using plastic pipe in theater of operations, 05308
Miller, C.C., Study of critical defects in ablative heat shield systems for space shuttle, 08024
Miller, Edward B.:
N.L.R.B. and collective bargaining, 10305
Role of N.L.R.B. in settling industrial disputes, 03664
Miller, G. Kimball, Computer program for solving gains required for steady-state decoupling

of elements of longitudinal mode of airplane, 11655
Fixed-base simulation study of decoupled controls during approach and landing of STOL transport airplane, 09053
Miller, Gary G., Development of psychometric measures of student attitudes toward technical training, 07141
Miller, Kenneth J., Flotation of pyrite from coal pilot plant study, 01382
Miller, John S., Fracturing oil shale with explosives for in situ oil recovery, 11065
Miller, John W., Multiparameter oil pollution source identification system, 04372
Miller, Lois A., Report of State and local radiological health programs, 05766
Miller, Michael, Remarks by Michael Miller, 11802-3
Miller, R.E., Seven-year response of 35-year-old Douglas-fir to nitrogen fertilizer, 05401
Miller, Renee H., Characteristics of low-income population, 10543
Miller, Robert D., Gastineau Channel Formation, composite glaciomarine deposit near Juneau, Alaska, 06697
Miller, Robert E., Development and standardization of Air Force officer qualifying test form M, 08280
Miller, Ted, Cost analysis of blood banking alternatives, 01424
Miller, Walter B.:
Investigation of errors introduced into meteorological calculations through use of hypsometric equation, 03902
On indirect pressure estimation from measurements of height and temperature, 03903
Miller, Warren B., Handbook of correctional psychiatry, 05760
Milly, Nancy, Retention and application of Skylab experiment experiences to future programs, 11115
Minckler, Leon S., Light, soil moisture, and tree reproduction in hardwood forest openings, 04440
Mineck, Raymond E., Pressure distribution on vectored-thrust V/STOL fighter in transition-speed range, 08718
Minett, Cyril W., Aerospace safety (perodical), 01607
Mitchell, Rex C., U-tube aeration, 06567
Mitchell, Richard L., Simulation of high-resolution radar displays of city complexes, 02830
Mitchem, Nan P., Farm mortgage lending, experience of 15 life insurance companies, Federal land banks, Farmers Home Administration , 05282
Farm real estate debt, 1973, 06600
Nonreal estate farm debt, 1973, 06601
Mitten, Hugh T.:
Ground-water pumpage in parts of Merced, Madera, Fresno, Kings, and Tulare Counties, Calif., 07850
Ground-water pumpage in parts of Yolo, Sacramento, Solano, Sutter, Colusa and Napa Counties, Calif., 07851
Mock, John E., Candidates and priorities for technology assessments, 11698
Mock, S.J., Arctic terrain characteristics data bank, 07679
Mockovak, William P., Analysis of Air Force reading improvement programs, 07150
Moeller, George, Identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
Moeller, George H., Fishermen expectations and pay-lake profits, 06664
Moffitt, Thomas P., Two-dimensional cold-air cascade study of film-cooled turbine stator blade, 11106
Mongillo, A.L., CH-54A design and operational flight loads study, 07181
Monteleone, Robert A., Investigation of maneuverability of S-67 winged helicopter, 00041
Moomau, Henry F., Feasibility study of new surface mining method 'longwall stripping', 10844
Moore, J.H., Radiometer transfer function for AAFE composite two-frequency radiometer scatterometer, 08027
Moore, John E., Round-off errors in cutting plane algorithms based on revised simplex procedure, 05628
Moore, Johnnie A.:
Equal opportunity in Federal employment, 01922
Federal news clip sheet, 01974
Moore, W.E., Recovery of acoustic pulse waveforms using calculator-controlled signal processing, 10359
Morgan, Q. Martin, Beef cattle industries of Central America and Panama, 03385
Morning, John L., Technologic trends in mineral industries (metals and nonmetals except fuels), 11627
Morrill, Ralph A.:
Comprehensive resource and enviornmental management planning, 07016
Current measurements in Salton Sea using ERTS multispectral imagery, 04719
Morris, Alfred H., Symbolic algebraic languages, 04704
Morris, James F., Thermionic performance of variable-gap cesium diminiode with lll0-single crystal tungsten emitter and polycrystalline-niobium collector, 11098
Morris, Meredith J., Estimating understory plant cover with rated microplots, 00416
Morris, R. L., Influence of wing loading on turbofan powered STOL transports with and without externally blown flaps, 03588
Morris, R.S., Flatpack soldering to solder-leveled printed wiring boards, 07220
Morris, Richard E., Procedures for experimental measurement and theoretical analysis of large plastic deformations, 11103
Morrisey, Marlene D.:
Acquisitions responsibilities of the 3 U.S. national libraries, 03544
Cooperative agreements & arrangements among three U.S. National Libraries, 03623
Morrison, Denton E., Environment, bibliography of social science and related literature, 07778
Morrison, S.M., Lime disinfection of sewage bacteria at low temperature, 04368
Morrow, James E., Effects of crude oil and some of its components on young coho and sockeye salmon, 07729
Morse, Mary L., Apollo spacecraft, chronology, 06850
Morton, Herbert C., Monthly labor review, 02316
Morton, Rogers C. B., Remarks by Rogers C. B. Morton, 01314-5, 03441
Moskowitz, Lionel I., Wave spectrum and wind-speed as descriptors of ocean surface, 07003
Moul, Edwin T., Marine flora and fauna of Northeastern United States, higher plants of marine fringe, 06983

Moy, James H., Dosimetry, tolerance, and shelf life extension related to disinfestation of fruits and vegetables by gamma irradiation, 02861
Moyer, Forrest T., Injury experience in coal mining, 01374
Mueller, Marjorie S., Independent health insurance plans in 1972, preliminary estimates, 11769
Mueller, P. K., Guide for evaluation of atmospheric analyzers, 10851
Mularz, Edward J., Measurements of liner cooling effectiveness within full-scale double-annular ram-induction combustor, 11151
Muldoon, Terry L., Response variations of microphone worn on human body, 01381
Mullins, Cecil J.:
Correlational analysis of drug abuse in Air Force, 07139
Variables related to pre-service cannabis use in sample of Air Force enlistees, 09668
Munford, Robert E., Apollo experience report, 08741
Murphy, Lois B.:
Conditions for learning, 07301
From I to we, 07300
Individual child, 02889
Language is for communication, 07302
Setting for growth, 07299
Murphy, Paul A., Alabama forests, trends and prospects, 06672
Murphy, Thomas E., Spillway crest design, 07714
Muse, Dorothy, How to find U.S. Statutes and U.S. Code citations, 07434
Mushkin, Selma J., Recurrent education, 08773
Musick, James K., Catalytic decomposition of fire extinguishant bromochlorodifluoromethane, 08171
Mutschler, P.H., Comparative transportation costs of supplying low-sulfur fuels to midwestern and eastern domestic energy markets, 06831
Muzio, L. J., Experimental combustor for development of package boiler emission control techniques, 01173
Myers, Clifford A., Simulating changes in even-aged timber stands, 04444
Myers, D.A., Water resources of Nisqually Indian Reservation, Wash., 03417

N

Naber, David G., Effects of facial hair in oxygen masks, 08176
Nachtigall, Alfred J., Strain-cycling fatigue behavior of 10 structural metals tested in liquid helium (4 K), in liquid nitrogen (78 K), and in ambient air (300 K), 09506
Nader, John S., Performance specifications for stationary-source monitoring systems for gases and visible emissions, 07749
Nakahara, R. H., Investigation of floods in Hawaii, progress report, 10946
Nakayama, Toshiko:
Anatomy of price change, 10164
Measuring regional price change in urban areas, 07950
Namey, Christy W., Health characteristics, by geographic region, large metropolitan areas, and other places of residence, United States, 1969-70, 08108
Namour, Elie, Manpower requirements for wastewater collection systems in cities of 150,000 to 500,000 in population, 11285
Nash-Weber, James L., Motorless flight research, 04603
Nassar, E.G., Low-flow characteristics of streams in Pacific slope basins and lower Columbia River, 04471
Nassif, Helen G., Cases decided in United States Court of Customs and Patent Appeals, 05194, 06411, 11440
Nauman, Jon W.:
Aquatic organisms from selected sites along proposed trans-Alaska pipeline corridor, 09344
Field water quality information along proposed trans-Alaska pipeline corridor, Sept. 1970-Sept. 1972, 04465
Naumann, Madeline, FAR horizons, 01934
Naumann, Robert J., Contamination assessment and control in scientific satellites, 03610
Naus, Daniel J., Investigation of techniques of achieving exposed aggregate surfaces for site-cast concrete, 06494
Nauta, Franz, United States Air Force training line simulator, 07152
Neary, H. James, BLS pilot survey of training in industry, 09440
Neely, Edgar S., Construction cost engineering and computation state of the art, 07681
Neely, William V., Selecting consultants for community development, 07125
Neidert, R.E., Twelve hundred to thirteen hundred MHz 100-watt transistor power amplifier, 10363
Nelson, D.J., Radionuclides in ecosystems, proceedings of 3d National Symposium on Radioecology, 00748
Nelson, Guy R., Predicting and controlling residual chlorine, 01171
Nemec, Jaroslav:
International bibliography of history of legal medicine, 11177
Witchcraft and medicine, 1484-1793, 11175
Nemeth, Zolton N., Evaluation of chromium oxide and molybdenum disulfide coatings in self-acting stops of air-lubricated Rayleigh step thrust bearing, 11141
Neumann, A. J.:
Guide to networking terminology, 10271
Review of network management problems and issues, 01427
User procedures standardization for network access, 03646
Neustadter, Harold E.:
On evaluating compliance with air pollution levels not to be exceeded more than once per year, 11130
Use of Whatman-41 filters used in air quality sampling networks with applications to elemental analysis, 11133
Newman, Debra L., List of free black heads of families in 1st census of United States, 1790, 06902
Newman, Morris, Journal of research of National Bureau of Standards, 02197
Newsom, Jon, Francesco Petrarca, musical settings of his works from Jacopo da Bologna to present checklist, 10169
Nichols, D. R., Seismic hazards and land-use planning, 10942
Nicks, Larry J., Catalytic activity of rare-earth oxides for oxidation of hydrogen, 05601
Nicol, Dan F., JAG law review, 02189
Nielsen, Paul, Electromagnetic shielding of structures, 07684
Nims, Robert M., Correlation of plasma volume and body weight in dogs, 09688

Nixon, Richard M., Public papers of the President, 10046
Noor, Ahmed K., Comparison of finite-difference schemes for analysis of shells of revolution, 05616
Nordquist, W.S., Data from fog dispersal experiment using helicopter downwash, 04823
Norris, John W., Nuclear science abstracts index, 02390
Norris, John W.:
Gas cooled reactor technology, bibliography, 06052-3, 10522-3
North, David S., Immigrants and American labor market, 07956
Norton, Arthur, Household and family characteristics, 06084
Notardonato, Julius J., Effects of pressure, oxygen concentration, and forced convection on flame spread rate of plexiglas, nylon and teflon, 08073
Notti, J. E., Integrated power/attitude control system (IPACS) study, 10208
Novitzki, R. P., Improvement of trout streams in Wisconsin by augmenting low flows with ground water, 05438
Nugent, Jack, Flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
Nunn, Sam, Policy, troops, and NATO alliance, 09910
Nutley, W., Technology development report, model 30t HLH/ATC cargo handling system coupling, 07197

O

O'Connell, Dorothy, Research relating to children, 05289
O'Connor, Donald J., Dynamic water quality forecasting and management, 01151
O'Farrell, Thomas P., Nitrogen removal by ammonia stripping, 07761
O'Reilly, W.F., Exploratory analysis of vapor impurities from TNT, RDX and composition B, 05300-1
Oakes, Edward, Pine-Popple River basin, hydrology of wild river area, northeastern Wisconsin, 08620, 10091
Oberholtzer, Betty L., Publications of National Bureau of Standards, 03639
Oden, Laurance L.:
Phase relations in alkaline earth fluoride-yttria systems, 11633
Reducing copper and tin impurities in ferrous scrap recovered from incinerated municipal refuse, 01376
Oesterwinter, C., New Orbital elements for moon and planets, 04700
Offi, Domenick L., Tests of Vega aircraft radar enhancing system (VARES), 11787
Ogden, Louis J., Vector and vector-borne disease problems associated with water and related land resources, 07294
Ogilvy, Virginia, Used sewing machines, good buy, 03861
Ogren, Harvey D., Hydrofluidic yaw SAS analysis design and development, 08296
Ohmann, Lewis F.:
Vegetation data collection in temperate forest research natural areas, 04443
Wilderness ecology, upland plant communities, woody browse production and small mammals of 2 adjacent 33-year old wildfire areas of northeastern Minnesota, 08583
Olexsey, R.A., Sludge incineration and fuel conservation, 09290
Olmstead, Joseph A.:
Study of agency work contexts, implications for administration, 08838
Study of agency work contexts, implications for organizational development, 08841
Study of agency work contexts, implications for personnel management, 08839
Study of agency work contexts, implications for supervision, 08837
Study of agency work contexts, implications for training, 08840
Olsen, Alan E., In-process pollution abatement, metal-finishing facilities, 08868
Olson, Gary M., Speed of comprehending submarine fir control displays, 07959, 07961
Osso, Nicholas A., Adult basic education program statistics, student and staff data, 07659
Oster, Eugene A., Flood profiles in Umpqua River basin, Oreg., 10944
Ostroff, Aaron J., Evaluation of control laws and actuator locations for control systems applicable to deformable astronomical telescope mirrors, 05614
Oswalt, N.R., Spillway for lock and dam 26, Mississippi River Mo. and Ill., 05312
Ott, Arthur N., Inventory of suspended sediment stations and type of data analysis of Pennsylvania streams, 01258
Otte, George E., Soil survey of Yamhill area, Oreg., 10434
Otte, Robert C., Farming in the city's shadow, urbanization of land and changes in farm output in standard metropolitan statistical areas, 1960-70, 05928
Ottina, John:
Address by John Ottina, U.S. Commissioner of Education, 07658
Career education track record to date, 07661
Education, who should pay the bills?, 11456
Human touch, 07665
USOE and library role, 07669
Oudenhoven, Martin S., Microseismic source locations around block caving at Climax molybdenum mine, 04585
Oudine, John A., All hands, Naval Personnel Bureau career publication, 01640
Owens, Harold L., Double cropping with soybeans, will it pay on your farm?, 07126
Owens, James M., Government's ferrous scrap policy and future supply for foundry industry, 10802

P

Paabo, Maya, Analytical methods for detection of toxic elements in dry matrices, literature survey, 06907
Paarlberg, Don, Farm policy issues of next decade, 03848
Padilla, Amado M.:
Latino mental health, bibliography and abstracts, 09538
Latino mental health, review of literature, 11685
Page, R. W.:
Data for municipal wells in city of Modesto, Calif., 11536
Preliminary appraisal of ground-water conditions in vicinity of Modesto, Calif., 07856
Paine, Roland D., NOAA (periodical), 02380
Pajalich, Walter, Sand and gravel, 08703

Pallmann, A. J., Martian thermal boundary layers, subhourly variations induced by radiative-conductive heat transfer within dust-laden atmosphere-ground system, 03587
Palmer, J.A., Analysis and calculation of lightning-induced voltages in aircraft electrical circuits, 08028
Pananos, William J., Technological forecasting, case study of long-term requirements for rigid airfield pavement systems, 01109
Pandolfo, Joseph P., Tests of urban meteorological-pollutant model using CO validations data in Los Angeles metropolitan area, 01157
Pank, Larry F., Bibliography on seed-eating mammals and birds that affect forest regeneration, 08225
Pannell, James P., Soil survey of Alamosa Area, Colo., 07037
Papadopulos, S. S., Water from coastal plain aquifers in Washington, D.C., metropolitan area, 10943
Pappas, Nick, Instructor's guide to jail, its operation and management, 01536
Pararas-Carayannis, George, Ocean dumping in New York Bight, assessment of environmental studies, 05295
Parker, Lee W., Iterative methods for plasma-sheath calculations, application to spherical probe, 10236
Parkhurst, John D., Summary report, pilot plant studies on dewaterng primary digested sludge, 01164
Parks, Thomas R., Research study to obtain data pertaining to optimum requirement for dehydration and rehydration of certain freeze-dried fruits and vegetables, 04850
Parrish, Russel V.:
Compensation based on linearized analysis of six-degree-of-freedom motion simulator, 05617
Motion software for synergistic six-degree-of-freedom motion base, 05618
Parrott, Tony L., Improved method for design of expansion-chamber mufflers with application to operational helicopter, 00553
Parsons, John W., History of salmon in Great Lakes, 03758
Passaglia, E.E., NBS materials science and manufacturing in space research, 08095
Pastir, Dominic S., Prefeasibility program for comprehensive water resources development of Bicol River Basin, Luzon Island, Philippines, 04722
Paszek, Lawrence J., United States Air Force, guide to documentary sources, 05978
Patterson, Kay O., Foreign agriculture, 02038
Patterson, Terry V., St.Louis helicopter project, cooperative effort among 14 railroad police departments, 08256
Pattnaik, Amitav, Development of instrumental monitoring method for measurement of asbestos concentrations in or near sources, 05325
Patton, Brainard L., San Onofre Nuclear Generating Station, unit 1, Southern California Edison Company, 06039
Patton, David R., Literature review of timber-harvesting effects on stream temperatures, 08589
Paulk, Herschel L., Soil survey of Montgomery, Toombs, and Wheeler Counties, Ga., 08847
Pavey, Robert L., Controlling amount of internal aqueous solution in intermediate moisture foods, 04849
Pavlosky, James E., Apollo experience report, 06897
Paylore, Patricia, Phreatophytes, bibliography, 10132
Payne, Brian R., Economic analysis of gypsy moth problem in Northeast, 08598
Peach, W.N., Energy outlook for the 1980's, 05006
Peak, George W., Water supply outlook for Wyoming, 02751
Peake, James E., Development of reliability and maintainability analysis technique for helicopter research and development, 07191
Pearson, Carl S., Soil survey of Chemung County, N.Y., 00645
Pearson, Elmer G., Limnological studies of Big Bear Lake, Calif., 07854
Pearson, H.E.:
Test-observation well near Paterson, Wash., description and preliminary results, 03415
Water resources investigations, 03415
Pearson, Robert C., Mineral resources of area near Popo Agie Primitive Area, Fremont County, Wyo., 00430
Pearsons, Karl S., Handbook of noise ratings, 10207
Pease, Douglas S., Soil survey of Harding County, N.Mex., 08220
Peel, Evelyn, Impact of cost-sharing on use of ambulatory services under medicare, 03738
Pegg, Robert J.:
Comparison of acoustic performance of 5 muffler configurations on small helicopter, 10241
Results of flight noise measurement program using standard and modified SH-3A helicopter, 08051
Peiser, H. Steffen, Collaborative research program between NBS and Indian scientific institutions, special foreign currency program, 06920
Pelouch, James J., ASRDI oxygen technology survey, 09486
Penrose, Ray G., Laboratory study of self-sealing limestone plugs for mine openings, 05329
Pepper, Stephen V., Sliding of poly (vinyl chloride) on metals studied by Auger electron spectroscopy, 08070
Percy, Charles H., Political situation in South Asia, 09210
Perham, Roscoe E., Forces generated in ice boom structures, 07678
Perkins, L. Z.:
Fish ladders for Lower Monumental Dam, Snake River, Wash., hydraulic model investigations, 09267
Ice Harbor Dam, Snake River, Wash., 09266
Modification of fish ladders, Bonneville Dam, Columbia River, Oreg. and Wash., 09268
Perkins, W. Deryck, Artificial diets for mass rearing corn earworm (Heliothis zea), 02821
Perla, R. I., Advances in North American avalanche technology, 1972 symposium, 04432
Perle, Linda E., State constitutional provisions and selected legal materials relating to public school finance, 06482
Perlee, Henry E., Constant-volume flame propagation, 11631
Perlmutter, Morris, Monte Carlo analysis of rarified-gas diffusion analysis including variance reduction using theory of Markov random walks, 05626
Perry, Boyd, Effects of autopilot on airplane responses to turbulence with emphasis on tail loads, 09599

Perry, Grady Jr., How the Board views service corporations, 06611
Pershing, D.W., Effectiveness of selected fuel additives in controlling pollution emissions from residual-oil-fired boilers, 04361
Personick, Martin E., Industry wage survey, crude petroleum and natural gas production, 06802
Peter, G., Caribbean Atlantic geotraverse, 10325
Peterkin, Betty, Your money's worth in food, 07117
Peterson, Donald B., Radiation chemistry of gaseous ammonia, 06910
Peterson, James T., Effects and methods of control of thermal discharges, 09241
Peterson, W. R., Limited survey of health related laser characteristics for selected application in United States, 09597
Pettigrew, Wilbur B., Survival, newsletter, 02639
Pettinger, L.F., Forest pest conditions in Pacific Northwest, 00394
Phalen, William J., Comprehensive occupational data analysis program (CODAP), 02827
Philbrook, James S., Stocking guide for Easter White pine, 00398
Phillips, Douglas R., Hickory, American wood, 04426
Phillips, W. Pelham, Computer-aided space shuttle orbiter wing design study, 11124
Phillips, William H., Study of control system to alleviate aircraft response to horizontal and vertical gusts, 06858
Phipps, Howard M., Effects of thinning on young shortleaf pine plantations in Indiana, 06661
Phucas, Charles B., Directory of committee memberships on National Bureau of Standards staff on engineering standards committees, 01416
Pielert, J. H., Structural evaluation of steel faced sandwich panels, 11677
Pierson, Willard J., Elevation, slope and curvature spectra of wind roughened sea surface, 08019
Pifer, Glenda:
  Cleaning kitchen ranges, 03872
  Cleaning metal furniture, 03870
  Cleaning windows, mirrors, other glass, 03865
  Cleaning wood furniture, 03866
  Have sparkling clean kitchen sink, 03871
  How to clean and defrost refrigerator, 03874
  How to clean bathroom, 03863
  How to clean floors, 03868
  How to clean rugs and carpets, 03869
  How to clean walls, ceilings, woodwork, 03864
  Make dishwashing easy, 03867
  Products and tools for cleaning, 03873
  Used furniture can be good buy, 03862
Pigg, Orvis E., Apollo experience reports, 03612
Pigott, Phillip G., Steam-cured bricks from industrial mineral wastes, 11057
Pilchard, Edwin I., Index of equine research, 03853
Pilon, Roger O., Determination of ocean surface descriptors using sea photo analysis techniques, 01500
Pilsworth, Malcolm N., Experimental study of freeze-drying of raw beef, 04847
Pines, Wayne L., FDA comsumer, 01940
Pinsky, John L., Patterns of burglary, 00514
Piskur, Frank T., Marine fisheries abstracts, 02273
Pitt, Robert E., Toxic materials analysis of street surface contaminants, 00345
Plank, Marlin E., Lumber yield from western pine in northern Idaho, 03401
Plass, William T., Chemical properties and particle-size distribution of 39 surface-mine spoils in southern West Virginia, 06669
Plateris, Alexander A., One hundred years of marriage and divorce statistics, 1867-1967, 09530
Platt, Robert J., Holographic and ultrasonic detection of bond flaws in aluminum panels reinforced with boron-epoxy, 11665
Plumblee, Harry E., Sound propagation in and radiation from acoustically lined flow ducts, 05609
Poferl, David J., Thermodynamic and transport properties of air and its products of combustion with ASTM-A-1 fuel and natural gas at 20, 30, and 40 atmospheres, 05633
Polk, Bonnie W., Food and nutrition, 02034
Pollock, William B.:
  Observations on occurrence of dermatomycosis in colony of Long-Evans rats, 04840
  Some observations on invagination of colon with prolapse through anus in golden Syrian hamster (Mesocritcetus a. auratus), 04843
Polta, Harold J., Mineral industry of Minnesota, 11613
Poncet, A., Investigations of three dimensional flow characteristics of 3 bladed rock pump inducer, 03579
Pontius, Paul E., Mass and mass values, 08091
Pontius, Uwe R., Hypochlorination of polluted stormwater pumpage at New Orleans, 06568
Poole, Hazel C., Education directory, 1973-74, higher education, 07664
Poole, John W.:
  Seeded gas thrusters and related system components, 08035
  Simulator tests to study hot-flow problems related to gas core reactor, 06845
Pope, Fletcher, Agriculture in United States and Soviet Union, 04342
Porcella, D. B., Comprehensive management of phosphorus water pollution, 10002
Porterfield, George, Inventory of published and unpublished fluvial-sediment data for California, 07853
Post, Howard A., Pulp, paper, and board, quarterly industry report, 02513
Potosky, M., Success-run equation for detection applications, 10361
Potter, Dale R., Hunters at regulated plant-and-shoot pheasant areas in western Washington, 05400
Pound, Charles E., Wastewater treatment and reuse by land application, 01161-2
Povinelli, Louis A.:
  Aerodynamic drag and fuel spreading measurements in simulated scramjet combustion module, 11668
  Drag and distribution, measurements of single-element fuel injectors for supersonic combustors, 10224
Powell, Jerry A., Systematic monograph of new world Ethmid moths, 00630
Powers, Edmund M., Microbiological requirements and methodology for food in military and Federal specifications, 04853
Prahl, N.A., West Coast Continental Shelf bottom gravity measurements, Cape Flattery to Santa Cruz, 10316
Preciado de Burciaga, Cecilia, Mexican American education study, 08321
Pressley, Thomas A., Ammonia-nitrogen removal by breakpoint chlorination, 07762

Price, Daniel N., Cash benefits for short-term sickness, 1972, 08209
Price, Douglas B., Extension of Laplace transform to Schwartz distributions, 11156
Price, Harold G., Reliability and effective thermal conductivity of three metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
Priem, Richard J., Technique for predicting high-frequency stability characteristics of gaseous-propellant combustors, 06877
Prows, Bernard L., Development of selective algaecide to control nuisance algal growth, 04359
Prydz, Rolf, Thermodynamic properties of compressed gaseeous and liquid fluorine, 06916
Puckett, Dale L., River currents, 02554
Pulver, William C., Tips, Army personnel magazine, 02651
Pustinger, John V., Instrumentation for monitoring specific particulate substances in stationary source emissions, 10832
Putnam, Lawrence E., Exploratory investigation of Mach numbers from 0.40 to 0.95 of effects of jets blown over wing, 06870
Putnicki, George J., Enviromnental noise assessment Waco, Tex. metropolitan area, 11479
Putzel, Henry:
Official reports of Supreme Court, 02396
United States reports, cases adjudged in Supreme Court., 05861-2, 11784

Q

Quattrone, R., Metallic shear walls for BMD ground support systems, 09983
Quimby, Freeman H.:
National nutrition policy, 09234, 09956-7, 09959-60
Nutrition and special groups, 09236
Quinn, Robert P., Job satisfaction, Is there a trend?, 06813

R

Raab, Neill F., Industrial diamond and small diamond dies, U.S. consumption and trade in 1972, 03297
Rad, Parviz F., Tunneling machine research, development of an experimental full-scale research rock cutting device, 05597
Rahe, Richard H., Subjects' recent life changes and their near-future illness susceptibility, 06819
Rahfuse, R. V., Noncaking coal gasified in stirred-bed producer, 10198
Rahman, Abdul R., Shelf life of tomatoes as affected by post harvest treatment and storage conditions, 04841
Rains, Bernard A., Odors emitted from raw and digested sewage sludge, 07767
Raleigh, Henry D.:
Indian Point Station, unit 3, Consolidated Edison Company, 02852
Reactor safety, literature search, 06054
Three Mile Island Nuclear Station, unit 1, Metropolitan Edison Company, 02853
Randall, W.K., Mississippi cottonwoods outperform local clones near Cairo, Ill., 05395
Rao, G.V.R., Theoretical studies of tone noise from fan rotor, 04611
Rapparlie, Donald F., Soil survey, Hancock County, Ohio, 03749
Rast, Everette D., Guide to hardwood log grading, 01240
Ratier, Jean-Louis, Behavior of Rapsodie reactor fuel elements in 1971-72, 09692
Rausa, Rosario, Naval aviation news;, 02351
Ray, John W., MAC flyer, 02265
Re, Richard J., Investigation of several NACA l-series axisymmetric inlets at Mach numbers from 0.4 to 1.29, 10218
Reck, Gregory M., Flight test of pressurization system used to measure minor atmospheric constituents from aircraft, 08739
Ream, Lloyd W., Performance of gas-lubricated cruciform-mounted tilting-pad journal bearings and damped flexibly mounted spiral-groove thrust bearing, 09480
Reber, Earl J., Soil survey of Susquehanna County, Pa., 01562
Redd, L. Tracy, Stability analysis and trend study of balloon tethered in wind, with experimental comparisons, 01403
Redick, Richard W.:
Maritial status, living arrangements and family characteristics of admissions to State and county mental hospitals and outpatient psychiatric clinics, 10298
Patient care episodes in psychiatric services, 01459
Redifer, Michael W., Computer program for calculating equilibrium composition of high-temperature combustion products, 04583
Redpath, Bruce B.:
Project Trinidad, explosive excavation tests in sandstone and shale, 05311
Seismic refraction exploration for engineering site investigations, 06532
Reed, Avery H.:
Mineral industry of Hawaii, 05592
Mineral industry of New Hampshire, 05593
Lime, 10192
Reed, John H.:
Attainable goal in airline safety, 08805
Creating transportation safety environment, 10352
Reed, Judith, Children today, 01718
Reed, Ronald K., STD observations in northeast Pacific, Sept.-Oct. 1972, 00592
Reichel, R.H., Program user's manual for optimizing design of liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, 08021
Reid, Barry H., Field evaluation of low-flow-rate carbon adsorption equipment and methods for organics sampling of surface waters, 10386
Reid, Lonnie:
Effects of increased leading-edge thickness of performance of transonic rotor blade, 06891
Performance of transonic compressor rotor with aspect ratio of 6.5, 11145
Renninger, Clark R., Government looks at privacy and security in computer systems, 06915
Reno, Horace T., Iron, materials survey, 05577
Repic, E.M.:
Methodology for boost-guide transport technology planning, 09480
Methodology for hypersonic transport technology planning, 03578
Reps, William F., Design, siting, and construction of low-cost housing and community buildings to better withstand earthquakes and windstorms, 06903
Rettig, Albert:
Changes in Social security benefits under Public law 93-233, 11766
Some mathematical aspects of social security amendments in Public law 93-66, 05793
Reubens, Beatrice G., Manpower training in Japan, 06808
Reyes, Manolo, Elderly Cubans in exile, 09179

Reynolds, S.D., Urban air shed photochemical simulation model study, 05323, 09278, 09281
Reynoso, Cruz, Proposals to eliminate legal barriers affecting elderly Mexican-Americans, 09180
Rhinehammer, T.B., Tritium control technology, 06062
Rhoad, David L., War on hunger, report from Agency for International Development, 02739
Rhoads, Stanley C., K 2 HfF 6 - K 2 ZrF 6 - 1.25 percent HF system at 40° C with other solubility curves from 25° to 70° C, 03565
Rhodes, Eugene G., Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
Ribicoff, Abraham, Petropolitics and American energy shortage, 04207
Rice, J.L.:
Effects of gear pattern on pavement systems performance, 08538
Development of design manual for concrete floor slabs on grade, 07683
Rice, Stewart C., Hospitals, county and metropolitan area data book, 04648, 09527
Richards, John L., Integrated approach to construction management, 06491
Richardson, M.L., Report and interpretations for general soil map of Navajo County,Ariz., 00644
Richardson, Russ, Occupational employment railroad equipment industry, 11586
Richardson, W.E., Low density foams for vacuum insulation, 08301
Richert, Ronald Von S., Ruins stabilization in southwestern United States, 10334
Richmond, J. H., Radiation and scattering by thin-wire structures in complex frequency domain, 11088
Richter, Thomas J., Design considerations for calculator, altitude ML-646 (XE-II)/UM, 03905
Riddlebaugh, Stephen M., Use of fluidic oscillator to measure fuel-air ratios of combustion gases, 11109
Rieg, Mary R., Union wages and hours, 08682
Rigo, H.G.:
Extended evaluation of a particulate precipitating heat transfer surface, 07680
Technical evaluation study, solid waste generation and disposal, Red River Army Depot, Texarkana, Tex., 11459
Technical evaluation study, solid waste generation and disposal, Watervliet Arsenal, Watervliet, N.Y., 05307
Rinehart, G.S., Apparent 7-day period in visibility data at White Sands Missile Range, N. Mex., 04825
Rishworth, Susan K., Spanish-speaking Africa, guide to official publications, 01365
Ristow, Walter W., Guide to history of cartography, annotated list of references on history of maps and mapmaking, 03545
Ritchie, J.E., Petroleum systems reliability analysis, 07738, 09284
Roach, Kenneth E., Plutonium-238 production in commercial water reactors, 06051
Roan, Stephanie G., Laboratory ozonation of municipal wastewaters, 07765
Robbins, Lewis W., Survey of USAEC program in controlled thermonuclear research, 04898
Robbins, Martin D., Mission oriented R&D and advancement of technology, 10204
Roberts, B.G., Retrieval program for archival Nansen-cast data, 07005
Roberts, Jean:
Examination and health history findings among children and youths, 6-17 years, 06929
Vision test validation study for health examination survey among youths, 06927
Roberts, P. J., Urban air shed photochemical simulation model study, 09279
Roberts, Richard W., Energy complex-target for today's technology, 01417
Roberts, T. D., Area handbook for Ivory Coast, 04862
Robertson, J. B., Influence of liquid waste disposal on geochemistry of water at National Reactor Testing Station, 10087
Robertson, J. Marvin, Personnel evaluation in vocational and technical education, 10287
Robertson, James B., Low temperature coefficient of resistance and high gage factor in beryllium-doped silicon, 11128
Robins, John D., Gas requirements to pressurize abandoned deep mines, 00336
Robinson, Derek, Wage-price controls and income policies, conference papers, 09439
Robinson, J.W., Direct determination of metals in air, 06553
Robinson, Jim, Our public lands, 02410
Robinson, Michael H., Ecology and behavior of giant wood spider Nephila maculata (Fabricius) in New Guinea, 08206
Robinson, Wilbur E., Compositonal variations of organic material from Green River oil shale, 07992
Robinson, William A., Hemopoiesis in culture, 08762
Robison, Tully M., Water records of U.S. Virgin Islands, 01275
Roderick, Roger D., Years for decision, longitudinal study of educational and labor market experience of young women, 11038
Rodgers, Colin, Continued development, two-stage high-pressure-ratio centrifugal compressor, 11304
Roenigk, William P., Growth potential of corn production in Western Europe through 1975 and 1980, 01085
Roessler, W. U., Investigation of combustion concepts for NOx control in utility boilers and stationary gas turbines, 00332
Rogers, John H., Soil survey of Tahoe basin area, California and Nevada, 09616
Romer, A. Russell, Foreign trade regulations of the Netherlands, 04332
Ronsivalli, Louis J., Development of radiation sterilized fish items, 04837
Rood, Omar E., Guidance for selection of equipment fleet, 06499
Rosen, B. Walter, Analytical study of rigidized fibrous materials, 08038
Rosen, Beatrice M., Model for estimating mental health needs using 1970 census socioeconomic data, 10296
Rosenberg, Howard L., Sealift, 02572
Rosenfield, Myer J., Technical evaluation study of Consolidated Field Maintenance Facility at Fort Bragg, N.C., 06492
Rosenthal, Benjamin S., New dimensions in transatlantic dialog, Strasbourg, 04100
Ross, Edward W., Radiation-sterilization of food, statistical analysis, 04854
Ross, Laurence W., Removal of heavy metals from mine drainage by precipitation, 06572
Rossie, John P., Economics of use of surface condensers with dry-type cooling systems for fossil-fueled and nuclear generating plants, 07237

564-800 O - 75 - 35

Rossiter, Sidney B., ATC concepts for V/STOL vehicles, 11790
Roth, William E., Soil survey of Edwards County, Kans., 00647
Rothberg, Paul F., Energy from oil shale, 08439
Rothgeb, Carrie Lee:
Crime and delinquency abstracts, 01829
Psychopharmacology abstracts, 02505
Rothman, R L., Effect of temperature and strain upon ship steels, 07026
Rott, Donald E., Soil survey of Crawford County, Kans., 04738
Rottman, Ellis, Manpower (periodical), 02269
Roussopoulos, Peter J., Estimating slash fuel laoading for several Lake States tree species, 00412
Rowe, Gene A., Income of farm wageworker households in 1971, 07105
Rozenberg, V.I., Scattering and attenuation of electromagnetic radiation by atmospheric particles, 08083
Rubey, William W., New Crestaceous formations in western Wyoming thrust belt, 05421
Rubin, Arthur I., Occupant behavior in building fires, 09523
Rubins, Philip M., T 52 and T 55 gas turbine combustor and engine exhaust emission measurements, 10513
Rubio, Roberto, Winter anomalous radio wave absorption days at 32°N latitude and prevalent solar radiation, 04827
Ruchhoft, C. C., Tentative analytical methods for cadmium, chromium and cyanide in water, 11750
Rucks, Frances B., Air University Library index to military periodicals, 01626
Rudder, C.L., Aerial detection of spill sources, 06575
Rule, Albert R.:
Flotation of carbonate minerals from unaltered phosphate ores of Phosphoria formation, 11059
Recovery of fluorine from low-grade calcareous fluorspars, preliminary studies, 11061
Rumbarger, John J., Prologue, journal of National Archives, 02504
Rummel, Ward D., Detection of fatigue cracks by nondestructive testing methods, 08036
Ruos, James L., Mourning dove status report, 10437
Rushing, Jesse W., Gas cooled reactor technology, 10520-1
Rushmore, Francis M., Techniques for calling sapsuckers and finding their nesting territories, 08597
Russotti, Joseph S., Aural detection performance over 129 minute simulated sonar watch, 06827
Ruther, Martin, Medicare, general enrollment period for aged, 10414
Rutzler, Klaus, Burrowing sponges of Bermuda, 11762
Ryack, Bernard L., Human factors elevation of submarine escape, 09456
Ryan, J. Patrick, Lead, 09461
Ryan, T. V., RP-6-OC-71 data report, oceanographic conditions off Washington coast, 03668
Rzasnicki, Walter:
Application of boundary integral method to elastic analysis of V-notched beams, 04626
Application of boundary integral method, to elastoplastic analysis of V-notched beams, 10254

S

Sabghir, Aaron, Construction review, monthly industry report, 01807
Sack, William A., Evaluation of bio-disc treatment process for summer camp application, 04369
Safford, L.O., Fertilization increases diameter growth of birch-beech-maple trees in New Hampshire, 06656
Sager, Richard A., Navigation channel improvements, Barnegat Inlet, N.J., hydraulic model investigation, 10818
Sailer, R.I., Look at USDA's biological control of insect pests, 1888 to present, 01055
Saint Clair, James D., Analysis of constitutional standard for Presidential impeachment, 05755-6
Salzmann, Richard A., Soil survey of Bingham area, Idaho, 01558
Samson, Elizabeth, Highway and urban mass transportation, 02089
Sand, Edward, Summary of propeller design procedures and data, 07180
Sanderson, H. Reed, Gray squirrels reproduce in 2-acre enclosure, 06650
Sankaran, Viswanathan, Decoupling in linear time-varying multivariable systems, 05629
Sansom, Robert L.:
Reducing auto emissions, 07774
Rethinking your automobile, 01184
Sartz, Richard S., Snow and frost depths on north and south slopes, 06647
Sato, Harry H., Soil survey of Island of Hawaii, Sate of Hawaii, 07040
Saucier, Kenneth L., Equipment and test procedure for determining multiaxial tensile and combined tensile-compressive strength of concrete, 09991
Saunders, Charles B.:
Fewer dollars, shrinking enrollments, fixed cost, new financial dilemma, 11457
Greetings by Charles B. Saunders, Jr., 09347
Remarks by Charles B. Saunders, Jr., 09348
Savanick, George A., Chemical analysis of slickensides from coal mine roof shale, 11634
Sawhill, John C., Remarks by John C. Sawhill, 07789, 07795-7, 07800, 10025, 10900-1
Sawyer, Clair N., Nitrification and denitrification facilities, wastewater treatment, 11269
Sawyer, James Wayne, Flutter of elastically supported orthotropic panels including effects of flow angle, 11125
Sawyer, Stephen G., Elastic plant frame analysis of semisymmetric cabs and canopies used on underground electric face equipment, 04586
Scalf, Marion R., Animal feedlot waste program research needs, 07816
Scanlon, James, Intellectual development of youths, 06928
Scanlon, Martha S., Changes in time and savings deposits at commercial banks, 03361, 10916
Scaperlanda, Anthony E., Trends, composition and determinants of U.S. direct investment in Canada, 10065
Scarr, Harry A., Patterns of burglary, 00514
Schaefer, Joseph T., Motion and morphology of dryline, 11183
Schaft, Harry A., Methods for testing wire-bond electrical connections, 03643
Schehl, Richard R., X-ray study of structure of cokes carbonized at different temperatures, 11070
Schenck, Hilbert V., United States underwater fatality statistics, 1972, 08784

Scherfig, Jan, Effect of phosphorus removal processes on algal growth, 06545
Schertz, Lyle P., Trends in world food supply and demand balance, 07656
Scheuermann, Coulson M., Mass transfer in 1370s (2500°F) tantalum alloy lithium thermal-convection loop, 08048
Schiehlen, Werner O., Fine pointing system for Large space telescope, 08064
Schiess, James R., Application of linear programming technique to nonlinear minimax problems, 06860
Schimmel, M.L., Quantitative understanding of explosive stimulus transfer, 04609
Schlee, John, Atlantic Continental Shelf and slope of United States, sediment texture of the northeastern part, 06701
Schluter, Robert B., Influence of manganese additions upon properties of iron ore pellets, 06837
Schmidt, James F., Differential analysis for turbulent boundary layer on compressor blade element (including boundary-layer separation), 10252
Schmidt, Stanley F., New mechanization equations for aided inertial navigation systems, 04610
Schmucker, Robert H., Procedure for calculation of boundary layer trip protuberances in overexpanded rocket nozzles, 11119
Schmulowitz, Jack, Initial payments under supplemental security income program, 08211
Schnake, L.D., Analysis of effects of cost-of-service transportation rates on U.S. grain marketing system, 00021
Schnathorst, W.C., Verticillium wilt of cotton, 05920
Schoephorester, Dale B., Soil survey, Susitna Valley area, Alaska, 05805
Schramm, R.E., Compilation and evaluation of mechanical, thermal, and electrical properties of selected polymers, 03631
Schrepfer, Susan R., History of Northeastern Forest Experiment Station, 1923-73, 03396
Schroeder, David J.:
Alcohol and disorientation-related reponses, 00047
Effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
Schroeder, Harold J., Copper, 08700
Schubert, Gilbert H., Provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417
Schubert, Richard F., Outline of remarks by Richard F. Schubert, 06795
Schubkegel, Martin, Farm index, 01935
Schuetz, Luise S., Theory and construction of multivariate Gaussian surfaces, 01501
Schultz, Claire K., SRS research information index, 11230
Schultz, Robert W., Snowmelt lysimeters perform well in cold temperatures in central Colorado, 04438
Schulz, George J., Resonances in electron impact on atoms and diatomic molecules, 03635
Schulz, Loren D., Soil survey of Lake County, S.Dak., 10431
Schumacher, Geraldine, Weekly weather & crop bulletin, 02785
Schumacher, Sanford P., Development of technical data file on design and use of instructional systems, 07146
Schwan, Herman P., Biological hazards from exposure to ELF electrical fields and potentials, 05731
Schwartz, Anthony M., Development of phosphate-free heavy duty detergents, 10833
Schwartz, Robert B., MeV total neutron cross sections, 11164
Schwind, R.G., Effects of leading-edge serrations on reducing flow unsteadiness about airfoils, experimental and analytical investigation, 05610
Scialdone, John J., Gas flow analysis during thermal vacuum test of spacecraft, 06892
Scoppe, Frank E., Advanced turbine measurement systems technique for aircraft turboshaft engines, 04875
Scott, D.H.:
Commercial blueberry growing, 04777
Strawberry varieties, 04775
Scott, Donald W., Chemical thermodynamic properties of hydrocarbons and related substances, 10180
Scott, Geraldine, Statistics of State school systems, 05291
Scott, Hugh, Congress rediscovers itself, 09867
Scott, W. W., Batteries used with law enforcement communications equipment, chargers and charging techniques, 05547
Scoville, Anthony, Citizen participation in State government, 08152
Seaber, Paul R., Geohydrologic reconnaissance and study plan for water resources investigations in Baroda-Broach area, Gujarat, India, 04466
Seeland, David A., Geochemical reconnaissance for gold in sedimentary rocks of Great Lakes region, Minnesota to New York, 03406
Segal, Syndey, Research planning workshops on sudden infant death syndrome, 09535
Seibel, R.J., Dustiness of different coal seams, 06839
Seidel, Marquis R., Energy conservation strategies, 01187
Seiders, David F., Credit-card and check-credit plans at commercial banks, 03362
Seinfeld, John H., Existing needs in experimental and observational study of atmospheric chemical reactions, 00330
Seitz, William R.:
Evaluation of flame emission determination of phosphorus in water, 01163
Evaluation of microwave-induced plasma spectrometer for trace analysis, 07753
Seitz, William Rudolf, Environmental protection technology series, 01163
Seizinger, Donald E., Oxygenates in automotive exhausts, effect of oxidation catalyst, 08000
Sekera, Zdenek, Development of experiment for visible radiation polarization measurements from satellite, 06844
Selby, G.F., Reserve marine, 02547
Selig, S.M., Naval research logistics quarterly, 02352
Sellmann, Paul V., Airborne resistivity survey near Fairbanks, Alaska, aid in bedrock geology reconnaissance, 10810
Seltzer, Sherman M., CMG-induced LST dynamics, 11113
Seltzer, Stephen M., Auroral bremsstrahlung at balloon altitudes, 01398
Sem, Gilmore J., State of the art, 1971 instrumentation for measurement of particulate emissions from combustion sources, 07742
Seng, Wendelin C., Recovery of fatty materials from edible oil refinery effluents, 07754

Serovy, George K., Prediction of overall and blade-element performance for axial-flow pump configurations, 00547
Serra, Jaime D., FAA views on nondestructive testing, 10062
Sesonske, Alexander, Nuclear power plant design analysis, 06055
Setter, L. R., Disposal of wastes from cleaning of airplanes, 11722
Sevall, George W., Nondestructive testing of construction materials and operations, 06497
Sevart, M.D., Aerial radiological measuring system, 06024
Seyler, Joseph K., Sulfuric acid and ferrous sulfate recovery from waste pickle liquor, 11481
Shacklette, Hansford T., Airborne chemical elements in Spanish moss, 01263
Shaffer, F. B., Characteristics of streamflow at gaging stations in Loup River basin, Nebraska, 10941
Shaffer, Sylvia W., United States Air Force medical service digest, 02714
Shambon, Arthur, Narrow energy band filters for a 250 kV constant potential X-ray machine, 09699
Shanley, Robert J., Computer program for clustering data points on sphere, 11602
Shannon, James A., Remarks, 08779
Shannon, Larry J., Emissions control in grain and feed industry, engineering and cost study, 07133
Sharma, Dinesh, USA-USSR Joint Symposium on Congenital Heart Disease, proceedings, 08115
Sharpe, Ellsworth L., Control of carbon dioxide cryodeposits, 03603
Shaw, Craig S., Experimental investigation of highly underexpanded sonic jet ejecting from flat plate into subsonic crossflow, 05615
Shaw, Robert J.:
Distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101
Forward-slanted slot throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 10221
Sheaffer, John R., Introduction to flood proofing, 04351
Sheehan, John E., Energy crisis, inflation and investment, 06631
Shekarchi, E., Mineral industry of France, 09459
Shelton, Ella M:
Aviation turbine fuels, 1973, 10187
Diesel fuel oils, 1973, 05588
Motor gasolines, summer, 05589
Shenk, Faye, Relationship between personality traits and officer performance and retention criteria, 02826
Shenk, William E., Satellite views of Hurricane Camille, 08735
Sheppard, Mona, Managing corespondence, 08752
Sheppard, Richard A., Zeolites and associated authigenic silicate minerals in tuffaceous rocks of Big Sandy Formation, Mohave County, Ariz., 06707
Sheridan, Eugene T., Coke and coal chemicals, 08699
Sheridan, William H., Legal bibliography for juvenile and family courts, 00709
Sherwood, C. B., Water resources of Broward County, Fla., 00442
Sherwood, S., Highland Heights experiment, final report, 01292
Shih, T. T., Study of crack closure in fatigue, 01394
Shimanuki, H., Identification and control of honey bee diseases, 03850
Shimazaki, T., Two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977
Shinn, Joseph H., Optimum wind soundings and Army fallout prediction accuracies, 03904
Shivertaker, Lawrence W., Cholesterol levels in submariners, 11040
Shleine, Bernard, Review of determinations of radiation dose to active bone marrow from diagnostic X-ray examinations, 05767
Shoffstall, D.R., Aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07743
Shofner, Frederick M., Explicit calibration of PILLS II system, 04365
Sholtes, Robert S., Evaluation and modification of fluoride sampling and analytical methods, 07741
Shoulders, Eugene, Rainfall influences female flowering of slash pine, 00401
Shultz, George P.:
Address by Secretary of Treasury George P. Shultz, 05882
Reflections on political economy, 05886
Shultz, George R., Active research tasks report, National Environmental Research Center, 00324
Shuster, Kenneth A., Heuristic routing for solid waste collection vehicles, 10862
Shuyler, Lynn R., Environment protecting concepts of beef cattle feedlot wastes management, 06551
Sidio, A. D., Report on Androscoggin River, 11738
Siegel, Arthur I., Adaptation of advanced measurement and evaluation techniques for utilization in Air Force technical training systems, 05970
Siegel, William C., Long-term contracts for forest land and timber in South, 05405
Sigafoos, Robert S., Recent activity of glaciers of Mount Rainier, Wash., 06700
Sijak, D.D., Decomposition-aggregation stability analysis, 04600
Silber, Stanley C.:
Foundation support for mental and related servics, 09537
Multiple source funding and management of cummunity mental health facilities, 06959
Silberberg, Rein, Cross sections of proton-nucleus interactions at high energies, 11202
Siljak, D. D., Stability region maximization by decomposition-aggregation method, 11092
Sim, Alex G., Flight determinined stability and control characteristics of M2-F3 lifting body vehicle, 08066
Simmons, Joseph H., Investigation of viscous flow in glass during phase separation, 03644
Simon, William E.:
Fuel and needs of agriculture, 10898
Remarks by William E. Simon, 07791-4, 07798, 09296-7, 10026
Road to self-sufficiency, 07799
Statement by William E. Simon, 05356
Testimony of William E. Simon, 10027
Simpson, Joanne, Outline of Bayesian approach to EML multiple cloud seeding experiments, 00590
Sims, Ted, NWL precision ephemeris, 05744

Simson, Bert G., Photometric data variability of automotive lighting components, 09524
Sinclair, John H.:
Compatibility of refractory materials for nuclear reactor poison control systems, 08045
Evaluation of cermet materials suitable for lithium-lubricated thrust bearings for high-temperature operation, 11140
Sinnott, George A., Bibliography of ion-molecule reaction rate data, 04637
Sirrocco, Alvin, Inpatient health facilities as reported from 1971 MFI survey, 10278
Siskind, David E., Blast noise standards and instrumentation, 11645
Skillman, Thomas L., Average daily variations in magnetic field as observed by ATS-5, 10242
Skolnik, Alfred M.:
Social welfare expenditures in fiscal year 1973, 08208
Workmen's compensation payments and costs, 1972, 08207
Skop, Richard A., Fortran 4 program for computing static deflections of structural cable arrays, 08174
Slaby, David, Color vision deficiencies in youths 12-17 years of age, 10277
Slater, James A., Fire incidents involving sleepwear worn by children ages 6-12, 06923
Slatick, Eugene R., Mineral industry of Wyoming, 11053
Slay, Whit. O., Handling peanuts with bucket elevators, 00005
Slemp, Wayne S., Effects of simulated space environment on Skylab parasol material, 10220
Smalley, Glendon W., Weighting tree volume equations for young loblolly and shortleaf pine, 06657
Smidt, F. A., Auger-electron spectroscopy analysis of fracture surfaces of irradiated pressure-vessel steels, 10360
Smith, Clarence T., Army research and development, 01660
Smith, D., Particulate emissions from alfalfa dehydrating plants, control costs and effectiveness, 06563
Smith, Earnest C., Lunar roving vehicle navigation system performance review, 03615
Smith, Elizabeth, History of Salmon National Forest, 06644
Smith, Ernest K., System control facilities, head-ends and central processors, 00809
Smith, G. Louis, Modeling of turbulent transport in surface layer, 03601
Smith, Harvey H., Area handbook for Afghanistan, 00741
Smith, J.H., Design, fabrication, and flight test of active arm external load stabilization system for cargo handling helicopters, 07190
Smith, J.S., Time-interval collecting device for insect traps, 02808
Smith, Paul A., Problems of communism, 02498
Smith, Roger C., Susceptibility to anxiety and shift difficulty as determinants of state anxiety in air traffic controllers, 07250
Smith, Stanley V., Library statistics of colleges and universities, analytic report, 01090
Smith, W.S., Measurements of structure and circulation of stratosphere and mesosphere, 08081
Snell, Bradford C., American ground transport, 08497
Snell, Charles M., Project Drum Inlet, explosive excavation in saturated sand, 06533
Snellgrove, Thomas A., Improved system for estimating value of western white pine, 07832
Snyder, Dale E., Soil survey, King County area, Washington, 05803
Snyder, R. S., Electrophoresis demonstration on Apollo 16, 11659
Snyder, Richard A., Anti-chafe hose, 09686
Solomon, David, Accidents on main rural highways related to speed, driver and vehicle, 11505
Somers, Gerald G., Developing reliable data on training in industry, 09441
Sondreal, Everett A., Laboratory determination of factors affecting storage of North Dakota lignite, 11637
Sorensen, Harold P., Limited oil gasification experiment, 00342
Sorrells, Russell B., Pressure measurements on leading edge of swept wing at Mach 2.2, 11127
Southard, L. G., Mineral industry of Oklahoma, 11617
Southworth, Richard B., Physical and dynamical studies of meteors, 03585
Sparks, Larry L., ASRDI oxygen technology survey, 11095
Speece, R. E., Hypolimnion aeration with commercial oxygen, bubble plume gas transfer, 09996
Spencer, Francis E., Algorithm for calculating multiphase chemical equilibrium, 04584
Sperber, K.P., Apollo experience report, reliability and quality assurance, 01412
Spingola, Anthony J., Evaluation of large screen display in automated oceanic ATC environment, 11256
Springer, Carol E.:
Preliminary equation system describing effect of stacking faults on ultrasonic reflectivity, 05734
Ultrasonic imaging of cylindrical explosive loads, 05736
Springer, Robert F., Soil survey of Todd County, S. Dak., 11240
Srinivas, S., Analysis of laminated, composite, circular cylindrical shells with general boundary conditions, 10260
Stabe, Roy G., Incidence loss for core turbine rotor blade in two-dimensional cascade, 09493
Stafford, Donald B., Annotated bibliography of aerial remote sensing in coastal engineering, 07672
Stahl, Robert Lee, Detection and delineation of faults by surface resistivity measurements, Gas Hills region, Fremont and Natrona Counties, Wyo., 07995
Stainback, P. Calvin, Experimental studies of hypersonic boundary-layer transition and effects of wind-tunnel disturbances, 08728
Stalcup, Berry, Fish inventory data, 10469-70
Stalford, Harold L., Solitary occupancy for unequal cell probabilities with application to doppler radars for ocean surveillance, 09576
Stallings, Robert L., Drag characteristics of circular cylinders in laminar boundary layer at supersonic free-stream velocities, 06871
Stam, Jerome M., Farm real estate taxes, recent trends and developments, 06476
Stamberg, John B., Activated sludge treatment systems with oxygen, 07764
Stamper, John W., Aluminum, 07982
Stankiewicz, N., Evaluation of magnetic refocusing in linear-beam microwave tubes, 11143

Stateham, Raymond M., Field studies on unsupported roof, York Canyon coal mine, Raton, N. Mex., 11069
Stearns, Robert P., Solid waste management in wholesale food distribution centers, 08277
Stecker, Floyd W., Gamma-ray astrophysics, 08041
Stecura, Stephan, Corrosion of oxygen-doped tantalum by lithium, 08042
Steen, Jo Ann, Utility of several clinical tests of color defective vision in predicting daytime and nighttime performance with aviation signal light gun, 08902
Stefanko, Robert:
Analysis of strip mining methods and equipment selection, 00078
Influence of mining techniques on size consist and washability characteristics of coal, 04959
Steffen, Fred W., Cruise performance of isolated 1.15 pressure ratio turbofan propulsion simulator at Mach numbers from 0.6 to 0.85, 11656
Steimie, Frank W., Abundance and distribution of inshore benthic fauna off Southwestern Long Island, N.Y., 09553
Stein, John D., Elm sawfly, 06642
Steiner, Bruce, Optical radiation measurements, 08757
Steinman, George C., MARAD pollution abatement program, 09453, 11591
Stemple, Ruth M., Bibliography of medical uses of technetium-99m, 1965-71, 04885
Stender, John H., Diplomacy of job safety, 08181
Stephen, George, Revitalizing older houses in Charlestown, 06730
Stephens, D. F., Feedlot and ranch equipment for beef cattle, 00008
Stephens, John S., Clinid fishes of Chile and Peru, with description of Myxodes ornatus, 09608
Stern, Marc, News & features from NIH, portfolio series, 02373
Sternfeld, Harry, Study of effect of flight density and background noise on V/STOL acceptability, 08018
Stetten, DeWitt:
Impact of genetics, 05675
Remarks, 08779
Stevens, Charles C., Long term effects of drug use on mental ability, 08886
Stevens, H.R., RP-1-OC-70 Southeast Pacific geophysical survey, 00591
Stevens, Richard F., Tungsten, 11628
Stewart, Eric C., Comparison of results from two simulators used for studies of astronaut maneuvering units, 06872
Stewart, Harold F., Survey of use and performance of ultrasonic therapy equipment in Pinellas County, Fla., 01538
Stewart, Kenneth C., Noise dosimeter performance, 11066
Stewart, R.F., Nuclear meter for monitoring sulfur content of coal streams, 08011
Stewart, Richard D.:
Normal carboxyhemoglobin levels of blood donors, 07735
Research study to determine range of carboxyhemoglobin in various segments of American population, 05320
Stiles, R.W., Grinding miniature pinion gears, 07217
Stillman, Rona B., Computer networking, approaches to quality service assurance, 06921
Stipp, Henry E.:
Mineral industry of Ghana, 11611
Mineral industry of Sierra Leone, 11619
Stockfisch, Charles R., Selective digital computer signal systems, 06609
Stoddard, C.K., Abatement of mine drainage pollution by underground precipitation, 06574
Stokes, Donald R., Standardization of shipping containers for fresh fruits and vegetables, 07120
Stone, C.P., Bird damage to sprouting corn in United States, 07042
Stone, D.W., Improved radiofrequency power standards, 07216
Stone, J. P., Role of soot in transport of hydrogen chloride from fires, 11210
Stone, Ralph, Intermedia aspects of air and water pollution control, 01185
Storey, James R., New supplemental security income program, impact on current benefits and unresolved issues, 05011
Stowasser, W.F., Phosphate rock, 08702
Straeter, Terry A., Parallel variable metric optimization algorithm, 06864
Strayhorn, Martha, Changes in time and savings deposits at commercial banks, 00378
Streiff, M.L., Remote sensing of air pollution in urban areas, 06557
Struzeski, E., Chemical treatment of oil spills, 09317
Sturos, John A.:
Predicting segregation of wood and bark chips by differences in terminal velocities, 04441
Theoretical methods for estimating moments of inertia of trees and boles, 08592
Stuve, J. M., Low-temperature heat capacity and high-temperature enthalpy of TiAl3, 11630
Styron, Clarence R., Investigation of dust-control materials, 07716
Suit, William T., Lateral static and dynamic aerodynamic parameters of Kestrel aircraft (XV-6A) extracted from flight data, 10238
Sullivan, A. M., Determination of fracture-resistance values using center-cracked tensile specimen, 11703
Sullivan, Daniel E., Review of mineral industries, 11624
Sullivan, Daniel F., Conceptual problems in developing index of health, 11170
Sullivan, Dennis J., Survey of the present state-of-the-art in learning center operations, 09677
Sullivan, John H., Survey of activities, Committee on Foreign Affairs, House, 09834
Sullivan, Richard H., Survey of facilities using land application of wastewater, 08268
Supko, Peter R., Initial reports of Deep Sea Drilling Project, 11192
Sutchliffe, H., Appraisal of water resources of Charlotte County, Fla., 05416
Svalbonas, V., Numerical analysis of stiffened shells of revolution, 00541-4, 01389, 03576-7
Swantz, Alexander, Federal regulation of trading in commodity futures contracts, 02898
Swatton, Sidney C., Advanced structural concepts for fuselage, 07187
Swedlow, J.L., Review of developments in theory of elasto-plastic flow, 04604
Swigart, Rudolph J., Experimental study of validity of heat-field concept for sonic-boom, 08040
Sykes, Floyd E.:
Approach, naval aviation safety review, 01653
Fathom, surface ship & submarine safety review, 01937

Mech, naval aviation maintenance safety, 02286
Symons, Eugene P.:
Effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
Wicking of liquids in screens, 10257
Szanca, Edware M., Research turbine for high-temperature core engine application, 10255
Szuch, John R., HYDES, generalized hybrid computer program for studying turbojet or turbofan engine dynamics, 11654

T

Tabor, John K.:
Address by John K. Tabor, 00080, 00804, 03971, 03979
Remarks by John K. Tabor, 06127-8, 07322, 07334, 07337, 08329, 08965-6
Tacina, Robert R., Film cooling in combustor operating at fuel-rich exit conditions, 06894
Tacker, Herbert R., National and regional variations in earnings under social security, 01550
Tagatz, Marlin E., Seasonal occurrence of young gulf menhaden and other fishes in northwestern Florida estuary, 03672
Talerico, Robert L., Sampling plantations to determine white pine weevil injury, 06649
Tamm, Feliks:
Business conditions digest, 01691
Defense indicators, 01867
Tangler, James L., Experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
Tanner, John A., Cornering characteristics of 40 x 14-16 type VII aircraft tire and comparison with characteristics of C40 x 14-21 cantilever aircraft tire, 05619
Tansey, William A., Medical aspects of cold water immersion, 07964
Taragin, A., Geometric design criteria and traffic operational experience on high speed freeways and interchanges, 00365
Tarbell, Roberta K., Marguerite Zorach, early years, 1908-20, 05655
Taronji, Jaime, Counting the forgotten, 10549
Tarzanin, Frank J., Investigation of effect of torsional natural frequency on stall-induced dynamic loading, 07198
Taub, Frieda B., Biological models of freshwater communities, 01150
Taube, Carl A.:
Day care services in federally funded community mental health centers, 04670
Utilization of mental health facilities, 1971, 05682
Taylor, Curtis L., Use of inferred objectives with non-objectives based instructional materials, 07149
Taylor, John N., Nonprior service college graduate airmen responses to selected questions from Mar.1971 Airman Sample Survey, 05967
Taylor, Morris C., New method for field analysis of plastic concrete, feasibility study, 06496
Taylor, R.D.:
Omni-directional illumination for printed circuit board inspection, 02850
Pantograph positioning system for inspecting microcircuits, 02847
Tebben, Marian P., Health services reports, 02084
Tejada, Susan E., Older Americans in ACTION, 02400
Tenney, James B., National ambulatory medical survey, background and methodology, 11171
Terichow, Oleg, Electrophoresis and coagulation studies of some Florida phosphate slimes, 07990
Terrell, Marion L., International educational and cultural exchange, 02172
Thackray, Richard I.:
Comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251
Personality and physiological correlates of performance decrement on monotonous task requiring sustained attention, 10529
Sonic boom startle effects, report of field study, 07249
Thayer, Scott D., Vehicle behavior in and around complex sources and related complex source characteristics, 07783, 08556-8
Thomas, C. A.:
Magnitude and frequency of floods in small drainage basins in Idaho, design method , 05431
Magnitude and frequency of floods in small drainage basins in Ohio, 03414
Thomas, Ella C., Reports of United States Tax Court, 05876
Thomas, Grover J., Soil survey of Cobb County, Ga., 07038
Thomas, James C., Analysis of commercial lobster (Homarus americanus) fishery along coast of Maine, 05702
Thomas, Jess W., Evaluation of activated carbon canisters for radon protection in uranium mines, 09700
Thomas, Lewis, Remarks, 08779
Thomas, Marlin A.:
Tolerance limits for Maxwell distribution with emphasis on SEP, 05747
Tolerance limits for Rayleigh (radial normal) distribution with emphasis on CEP, 05746
Thomas, Nelson A.:
Biological investigations of Tuttle Creek Reservoir, Kans., 09316
Biology-chemistry program for International Field Year for Great Lakes, 07724
Pre-impoundment biological survey of Stockton Reservoir-Sac River, Mo., 09320
Thompson, George E., FAA air traffic activity, fiscal year and calendar year 1972, 10885
Thompson, M. C., Review of propagation information needed for effective use of 18 to 40-GHz band, 08964
Thompson, T. H., Computer model for determining bank storage at Hungry Horse Reservoir, northwestern Montana, 10949
Thompson, William C., Landing performance of air-cushion landing system installed on 1/10-scale dynamic model of C-8 Buffalo airplane, 00552
Thorne, L. F., Impact testing of materials using 8-inch air gun and computer reduction of data, 09696
Thorsky, Gunnar N., International cooperation in developing water resources, 05772
Thorson, Lee C.:
Fishery publications, calendar year 1965, lists and indexes, 00594
Fishery publications, calendar year 1972, lists and indexes, 06984
Thurow, Lester, C., Foreign experience with monetary policies to promote economic and social priority programs, 09058
Thurston, Dona R., Current Federal workforce data, 10552

Tiedemann, Arthur R., Stream chemistry following forest fire and urea fertilization in north-central Washington, 05402
Tierney, Richard K., United States Army Aviation digest, 02715
Timm, Robert D.:
Address by Robert D. Timm, 03961
Remarks by Robert D. Timm, 00793, 04946, 10548
Timmins, Albert R., Analysis of flight model space performance during thermal-vacuum tests, 06878
Tippett, Katherine S., Family economics review, 01932
Titran, Robert H., Creep behavior of tantalum alloy T-222 at 1365 to 1700 K, 11146
Titus, Joan B., Reverse osmosis bibliography, abstracted and indexed, 0107-8
Tobias, Jerry V.:
Ear-protector ratings, 11312
Reception of distorted speech, 08901
Tocci, Rocco C., Transmission thermal mapping (CH-47 C forward rotor transmission), 00744
Toftner, Richard O., Developing local and regional solid waste management plan, 10826
Tolson, John J., Airmobility, 06023
Torres-Reyes, Ricardo, Castillo de San Marcos National Monument, Fla., 05708
Torrieri, Don J., Arrival-time estimation by adaptive thresholding , 07002
Townsend, James C., Hypersonic aerodynamic characteristics of family of power-law, wing-body configurations, 06881
Trager, Brahna, Homemaker/home health aide services in United States, 07341
Trakhtenberg, I. M., Chronic effects of mercury on organisms, 10151
Trapp, Henry, Availability of ground water for public-water supply in central and southern Escambia County, Fla., 00429
Trautman, Milton B., Guide to collection and identification of presmolt Pacific salmon in Alaska with illustrated key, 08145
Trent, Darrell M.:
Conserving America's energy resources, 02893
Productivity, concept and perspective, 10557
Tress, Jack E., Secondary pig iron from shredded auto scrap, 04589
Trimble, G. R., Epicormic branching on hardwood trees bordering forest openings, 00413
Triplett, Myra L., Basic data on economy of France, 01079
Trudell, Laurence G., Geology of Eocene rocks and oil yields of Green River oil shales on part of Kinney Rim, Washakie Basin, Wyo., 03561
Tschudy, Robert H., Complexiopollis pollen lineage in Mississippi Embayment rocks, 04474
Tse, Anthony N., Si-Au Schottky barrier nuclear battery, 02860
Tucker, Huel C., Instrument for simultaneous monitoring NOx and SO2 in stationary sources, 06558
Tucker, R.H., Developmental design, fabrication and test of acoustic suppressors for fans of high bypass turbofan engines, 08026
Turner, August J., Soil survey of Terrell County, Tex., 11239
Turner, James F.:
Hydrograph simulation models of Hillsborough and Alafia Rivers, Fla., 01256
Profiles of lower Hillsborough River, Fla., 11538
Turner, Millard T., Soil survey of Lea County, N. Mex., 09613
Turner, William R., Distribution and relative abundance of fishes in Newport River, N.C., 05701
Tuwiner, Sidney B., Investigation of treating electroplaters cyanide waste by electrodialysis, 07739
Tyley, Stephen J., Analog model study of ground-water basin of upper Coachella Valley, Calif., 10092
Tynes, W. O., investigation of methods of preparing horizontal construction joints in concrete, 00321
Tyrrell, Elaine A., Fire accidents involving ignition of sleepwear worn by children under age of 3, 08103

U

Udall, Morris K., America's energy potential summary and explanation, 09080
Ulrey, Ivon W., Analysis for managers of people and things, 04269
Unger, Samuel G., State-of-art review, water pollution control benefits and costs, 05337
Urban, Francis S.:
Feed-livestock economy of eastern Europe, prospects to 1980, 03309

V

Valdez, Espiridios G., Utilization of phosphorus furnace slag in ceramic wall and door tile, 09468
Valentine, Lonnie D., Comparability study of armed services vocational aptitude battery scores from answer sheet and answer card administration, 09674
Vallier, Tracy L., Initial reports of Deep Sea Drilling Project, 11193
Van Alstine, Ralph E., Geology and mineral deposits of Poncha Springs SE quadrangle, Chaffee County, Colo., 10948
Van Auken, R. L., Manufacturing methods technology (MM&T) for ballastic-tolerant flight control components, 00038
Van Hooser, Dwane D., Midcyle evaluation of Mississippi timber resources, 06674
Van Meter, Harry D., Unharvested fishes in U.S. commercial fishery of western Lake Eric in 1969, 06986
Van Pelt, W.F., Review of selected bioeffects thresholds for various spectral ranges of light, 08189
Van Rossum Daum, Tobias, Driver, traffic safety magazine for military driver, 01890
Van Tuinen, Richard, Scientific seminars of Nuclear Medicine Laboratory dedication, 07013
Vander Meer, A. W., jr., Proceedings of Marine Safety Council, 02500
Varnado, S.G., Analysis of underwater optical detection systems utilizing photoluminescent targets, 02857
Vaselich, R., Lightning protection documentation, 07008
Vatavuk, William M., Technique for calculating overall efficiencies of particulate control devices, 04384
Vavra, Helen M., Study of infant mortality from linked records by age of mother, total-birth order, and other variables, United States, 1960 live birth cohort, 01430
Vecchioli, John, Water resources of New Jersey part of Ramapo River basin, 03418

Veith, David L., Superconcentration of commercial magnetic taconite concentrates by cationic flotation, 11055
Venditti, John M., Cancer chemotherapy reports, 01700
Venezky, David L., Tests and procedures for determining purity of tetrasodium ethylenediaminetetraacetate (EDTA), 11205
Venkataramiah, A., Studies on effects of salinity and temperature on commercial shrimp, Penaeus aztecus ives, with special regard to survival limits, growth, oxygen consumption and ionic regulation, 09990
Vermeer, James, Family-farm records, 07112
Vernikos-Danellis, Joan, Circadian, endocrine, and metabolic effects of prolonged bedrest, two 56-day bedrest studies, 11107
Verstynen, Harry A., Full-scale wind-tunnel investigation of slot spoilers on aerodynamic characteristics of light twin-engine airplane, 01406
Vertreace, Walter C., Attitudes of airmen toward weighted airman promotion system, 02824
Vickers, Allan K., Kitchen ranges in fabric fires, 11168
Viezee, William, Slant range visibility measurement for aircraft landing operations, 11785
Villa, Orterio, Distribution of metals in Baltimore Harbor sediments, 07728, 10821
Vincent, Edwin J., Atmospheric emissions from pulp and paper manufacturing industry, 06537
Vincent, Lillie, Service, USDA's report to consumers, 02590
Vine, Peter J., Crown-of-thorns (Acanthaster planci) plagues, natural causes theory, 08834
Vinogradov, A.P., Current concepts regarding moon, 08082
Viswanathan, A.V., Elastic buckling analysis for composite stiffened panels and other structures, 00540
Vitola, Bart M.:
Comparative data on sample of all-volunteer enlistees with 1970-72 Air Force accessions, 02831
Preliminary evaluation of effectiveness of Air Force advertising, 07153
Validity of Armed Services vocational aptitude battery, form 1, to predict technical school success, 02829
Voelker, D. J., Electrical equipment, 03723
Vogel, G.J., Reduction of atmospheric pollution by application of fluidized-bed combustion and regeneration of sulfur-containing additives, 04373
Vogel, Robert M., Report of Mohawk-Hudson area survey, 01549
Vogt, Dorothee K., Literacy among youths 12-17 years, United States, 06930
Volz, Martin D., Handling and space costs for selected food wholesalers in urban food distribution centers, 04782
von der Borch, Christopher C., Covering leg 22 of cruises of drilling vessel Glomar Challenger, 08155
Vozzo, J.A., Germination analysis of excised embryo cylinders and whole acorns of water oak, 00404

W

Wade, George H., Fall enrollment in higher education, 00296
Wade, Gerald T., Proposed versatile photon counter system for laser radar, 03906
Wagner, Richard D., Mean flow and turbulence measurements in Mach 5 free shear layer, 08054
Wahlstrom, Ernest E., History of geologic investigations, engineering design, and construction methods of Harold D. Roberts Tunnel, Colorado , 07862
Wait, David F., Considerations for precise measurement of amplifier noise, 01422
Waitzman, D. A., Marketing H2S04 from S04 abatement sources, TVA hypothesis, 10835
Wakefield, Stephen A., Remarks by Stephen A. Wakefield, 03439-40, 07790
Waksman, David, Potential system for lead hazard elimination, evaluations and recommendations for use, 08759
Waldhauser, Charles B., Health insurance for aged, monthly reimbursements per person by State, 09610
Waldhorn, Judith L., Historic preservation in San Francisco's inner mission and take walk through mission history, 07880
Waldman, Saul, National health insurance proposals, provisions of bills introduced in 93d Congress as of Feb. 1974, 09611
Walker, Eugene H., Effects of ground-water resource of channelization of Sudbury River through Cedar Swamp, Westborough, Mass., 04464
Walker. G.C., Investigation of factors affecting melt down of soft serve imitation ice milk, 04832
Walker, Martha L., Index-catalogue of medical and veterinary zoology, 00712
Walker, N.D., Experimental investigation of 4 1/2-stage turbine with very high stage loading factor, 08034
Walkotten, William J., Freezing technique for sampling steambed gravel, 05404
Wall, David, UH-1D filament-wound tubular-reinforced rotor blade, 07184
Wall, Stephen D., Optical analysis of compound quasi-microscope for planetary landers, 10237
Wallace, Sarah L., Quarterly journal of Library of Congress, 02519
Wallhagen, Robert E., Self-teaching digital-computer program for fail-operational control of turbojet engine in sea-level test stand, 10227
Wamsley, Mary, Extension Service review, 01927
Wang, Fun-den, Structural analysis of coal mine opening in elastic, multilayered material, 11632
Wang, K. P.:
Mineral industry of Japan, 11612
Mineral industry of Taiwan, 11620
Wanjura, D.F., Effect of physical soil properties on cotton emergence, 04796
Ward, Suzanne N., Newsletter of U.S. Army Medical Department, 02377
Wardlaw, Andrew B., Andean integration movement, 05819
Warner, James E., Aging (periodical), 01609
Warner, James W.:
Artificial recharge in Waterman Canyon-East Twin Creek area San Bernardino County, Calif., 11535
Ground water in Santa Barbara and southern San Luis Obispo Counties, Calif., 07846-7
Warner, Mark C., Larval fish counter, 11796
Warnlof, Otto K., Examination procedure outlines for commercial weighing and measuring devices, 00557
Warren, Forest G., Farm mortgage lending, experience of 15 life insurance companies,

Federal land banks, and Farmers Home Administration, 04340
Warren, J. Benedict, Harkness collection in Library of Congress, 11031
Warren, Robert B., Soil survey of Meigs County, Tenn., 08221
Washabaugh, Beulah, Methods and approaches to statistical training, Budapest, Aug. 1973, meeting of Directors of International Statistical Training Centers, International Statistical Instutute, 00070
Washburn, C. Langhorne, Remarks of C. Langhorne Washburn, 00811, 04763-4, 10484
Washichek, Jack N.:
Early season snow report for Colorado, 10424
Water supply outlook, Federal-State-private-cooperative snow surveys, Colorado, 11242
Washnis, George J., Model cities impact on better communities, 09060
Wason, James R., Separation of powers and National Labor Relations Board, selected readings, 09133-4
Wasserman, Robert, Improving police/community relations, 09433
Waterman, Charles E., Annual historical summary, Defense Documentation Center, 11441
Watkins, S.H., Coliform bacteria growth and control in aerated stabilization basins, 07757
Watson, G. W., Evaluation of wet tantalum capacitors after exposure to extended periods of ripple current, 08713
Watson, Gordon K.:
Evaluation of tantalum-alloy-clad uranium mononitride fuel specimens from 7500-hour, 1040° C pumped-lithium-loop test, 10251
Thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
Watson, Ralph D.:
Experimental study of sharp- and blunt-nose streamwise corners at Mach 20, 10234
Operating characteristics of Langley Mach 10 high Reynolds number helium tunnel, 11099
Watson, William J., Similartiy of job types reported from two independent analyses of occupational data, 09675
Wayne, Lowell G., Controlled evaluation of reactive environmental simulation model (REM), 05321
Weaver, L.K., Offshore petroleum studies, nomograph for estimating hydrocarbon lease bonus bids in Gulf of Mexico, 01373
Webb, Anne I.:
InterACTION, 02162
Transition, magazine for Action volunteers, 02660
Webb, Ronald G., Current practice in GC-MS, 01172
Webbert, M. Virginia, Selling in Indonesia, 04334
Weber, Herman L., Soil survey of Leelanau County, Mich, 00649
Wechsler, M.S., Symposium on materials performance in operating nuclear systems, 00749
Weedman, Parmula K., Sea grant newsletter, 00589
Weeks, E. P., Use of finite-difference arrays of observation wells to estimate evapotranspiration from ground water in Arkansas River Valley, Colo., 01283
Weeks, John D.:
Evaluation of field performance of Hays dissolved oxygen analyzer, 10381
Preliminary report on effect of pump and pipe systems on dissolved oxygen concentration, 10382
Weeks, W.F., Laboratory preparation of artificial sea and salt ice, 08537
Weertman, Johannes, Anticipated closure rates for proposed drill hole Ross Ice Shelf, Antartica, 01104
Weidman, M.P., Application of non-ideal sliding to short two-port measurement, 00917
Weil, Thomas E.:
Area handbook for Bolivia, 11300
Area handbook for Chile, 11301
Area handbook for Haiti, 06004
Weimer, Jon, Consumers' preferences, uses, and buying practices for selected vegetables, 07122
Weir, J.E., Hydraulic testing accompanying drilling of five exploratory holes, Piceance Creek basin, Colo., 04467
Weis, Charles W., Diversion of public inebriate from criminal instice system, 09432
Weisenberger, B.C., Soil survey, Boone, Campbell, and Kenton Counties, Ky., 03748
Weiss, Noel S., Blood pressure levels of children 6-ll years, 06931
Weitzman, Elliot D., Research planning workshops on sudden infant death syndrome, neurophysiological factors, 06950
Weizer, Victor G., Behavior of hydrogen in alpha-iron lower temperatures, 06895
Welborn, Thomas C., Checklist of birds of Tennessee Valley, 09643
Welch, J.R., Silver, 07981
Welch, Robin I., Aerial spill prevention surveillance during sub-optimum weather, 10831
Welder, G. E., Base flow in Acme-Artesia reach of Pecos River, N. Mex., 04460
Wells, O.O., Variation among shortleaf pines in Mississippi seed source planting, 05393
Wen, C.Y., Absorption of SO_2 by alkaline solutions in venturi scrubber systems, 01159
Werner, J.B., Ice protection investigation for advanced rotary-wing aircraft, 04876
West, A. W., Report on pollution of interstate waters at mouth of Savannah River, 11739
West, J. M.:
Gold, 09460
Mineral industry of Ireland, 11052
Mineral industry of Puerto Rico, Panama Canal Zone, Virgin Islands, Pacific Island possessions, and Trust Territory of Pacific Islands, 07983
Mineral industry of South Dakota, 06834
West, Robert B., Apollo experience report, earth landing system, 04628
Westerstrom, W. L., Coal, bituminous and lignite, 11607
Westler, Jean A., Annotated bibliography on mental health in schools, 06953
Westley, Francis, Vibrationally excited hydrogen halides, bibliography on chemical kinetics of chemiexcitation and energy transfer processes, 10267
Wexler, David B.:
Cases and materials on prison inmate legal assistance, 07939
Law of detainers, 07940
Weybrew, Benjamin B., Factors related to drug abuse in submarine service, 10176
Whaley, Bob L., Water supply outlook and Federal-State-private cooperative snow surveys for Utah, 02749
Wheeler, Joel W., Agricultural science review, 01615
Wheeler, Lawrence E., Hallmark (periodical), 02078

Whetstone, George A., Study of current and proposed practices in animal waste management, 06594
Whisman, Marvin L., Waste lubricating oil research, investigations of several re-refining methods, 11068
Whitacre, G.R., Thermal radiation modeling for pollution predictions, 07748
Whitaker, Stephen D., Computer simulation of multi-aricraft flights, aid to mission planning, 06978
White, Dewey W., Installation of heavy-duty truss-web extruded aluminum airfield landing mat, 10815
White, Emily T., Statistical reporter, 02615
White, Frederick A., Mass spectrometry and inhomogeneous ion optics, 08020
White, Jack C., Recovering copper from mill tailings, selected studies, 11063
White, John H, American single locomotives and the Pioneer, 00632
White, John S., Landing rates for mixed STOL and CTOL traffic, 11667
White, P.G., Development and flight test of multichannel ocean color sensor (MOCS), 03583
White, Sheldon H., Federal programs for young children, review and recommendations, 07868-71
Whitehead, W.K., Final bird washer design, specifications and evaluation, 08272
Whiteman, C.D.:
Some climatological characteristics of seedable upslope cloud systems in High Plains, 03669
Variability of High Plains precipitation, 10324
Whiteside, Stephen E., Stereomatrix 3-D display system, 07225
Whiting, Ellis E., Computer program for determining rotational line intensity factors for diatomic molecules, 01402
Whitlock, Charles H., Postflight simulation of parachute deployment dynamics of Viking qualification flight tests, 01409
Whitman, Robert A., Mineral industry of Washington, 05594
Whitmore, Frank C., Determination of coronal ozone production by high voltage power transmission lines, 04362
Widner, Ralph R., Future of Appalachian coal, 08891
Wieder, Bernard, Subscriber terminals and network interface, 00808
Wieder, Samuel, Radiation data and reports, 02525
Wieters, A. H., Sewage treatment financing by public bodies, 11743
Wilbourn, James M.:
Air reserve as all-volunteer force, 05968
Feasibility of using special measures in classification and assignment of lower mental ability airmen, 08883
Wilbur, Sanford R., Literature on California least tern, 08226
Wilcox, Walter W., Guide to Rural development act, 06357
Wilder, Charles S.:
Acute conditions, incidence and associated disability, 08109
Prevalence of selected chronic respiratory conditions, 05651
Wilkerson, J.Worth, Tennessee Valley perspective, 02647
Wilkes, James W., Selling in Nigeria, 00283
Wilkes, Robert L., Soil survey of Bryan and Chatham Counties, Ga., 11235
Will, Herbert A., Epitaxial growth of 6H silicon carbide in temperature range 1320°-1390°C, 08074
Williams, D., Methods for rapid and accurate measurement of nitrate and sulfate in atmospheric particulates, 07746
Williams, David W., Simulation of hydrazine-driven emergency power generator, 06489
Williams, Garnett P., Erosional and dispositional aspects of hurricane Camille in Virginia, 1969, 07861
Williams, Jack C., Soil survey of Hemphill County, Tex., 11237
Williams, James L., Extraction from flight data of longitudinal areodynamic coefficients for F-8 aircraft with supercritical wing, 09502
Williams, K. G., On growth and collapse of mixed regions in stratified fluids, 08168
Williams, Kristen M., Remarriage, United States, 08111
Williams, Lonnie H., Controlling wood-destroying beetles in buildings and furniture, 02816
Williams, Richard B., Career area rotation model, user's manual, 05973
Williams, Wanda H., Diablo Canyon Nuclear Power Plant, units 1 and 2, Pacific Gas and Electric Company, 08303
Williamson, Gilbert R., Compression characteristics and structural beam design analysis of steel fiber reinforced concrete, 06495
Willmer, J., User manual for LIFE 1 computer program, 09272
Willyard, D.L., Characterization and schedule development for gold-ribbon hybrid-microcircuit crossovers, 02846
Wilmot, Charles A., Cotton gin operating costs in the San Joaquin Valley , 06473
Wilmoth, Roger C., Applications of reverse osmosis to acid mine drainage treatment, 07768, 09283
Wilson, Donald F., CH-54B main gearbox thermal mapping program, 07193
Wilson, Elwyn E., Mariner's weather log, 02275
Wilson, Jack A., Water supply outlook for Idaho, 02745
Wilson, John N., Performance of sewage stabilization pond in maritime climate, 11546
Wilson, John W., Intermediate energy proton-deuteron elastic scattering, 06863
Wilson, Ronald W.:
Current estimates from health interview survey, 04650
Prevalence of selected chronic digestive conditions, 04649
Wilson, Sandra J., Report of 58th National Conference on Weights and Measures, 10266
Wiltshire, Lilas, Calendar of Smithsonian Institution, 01697
Wing, Robert H., Slurry flow in vertical pipes, 01479
Winiarski, Lawrence, Plume temperature measurements of shallow, submerged model discharges with current, 10839
Wininger, Donald C., Mineral industry of New Jersey, 11614
Winsa, Edward A., Factors affecting miniature Izod impact strength of tungsten-fiber-metal-matrix composites, 06874
Winter, Thomas C.:
Hydrogeology of glacial drift, Mesabi Iron Range, northeastern Minnesota, 06708
Petrography and stratigraphy of glacial drift Mesabi-Vermilion iron range area, northeastern, Minn., 05419

Wirth, Willis W., West Indian sandflies of genus Culicoides, 07130
Wise, Donald A., Descriptive list of treasure maps and charts in Library of Congress, 09448
Wise, John P., United States marine fishery resources, MARMAP contribution, 11182
Witherell, Julian W., Africana acquisitions, report of publication survey trip to Nigeria, Southern Africa, 01363
Witkin, Michael J.:
Hospital inpatient treatment units for emotionally disturbed children, United States, 11686
Inpatient treatment in federally funded community mental health centers, 04669
Outpatient psychiatric services, 10295
Wolf, Karl W., Rail transport of solid wastes, 11737
Wolf, Ken:
Fish virology, procedures and preparation of materials for plaquing fish viruses in normal atmosphere, 03755
Viral hemorrhagic septicemia (VHS), 03754
Wolf, Stuart A., Superconducting ELF magnetic field sensors for submarine communications, 11705
Wolfe, Ben, Island lantern (periodical), 02187
Wolfe, Winthrop C., Durability and maintenance as related to selection of flooring, 00561
Wolff, Lester L., Narcotics situation in southeast Asia, 00130
Wong, Norman D., Experimental investigation of large-scale, two-dimensional, mixed-compression, 04630
Wonnell, L.D., Laser centering detector, 02848
Wood, H. B., Fluorspar and cryolite, 10191
Wood, M. P., Advanced, small, high-temperature-rise combustor program, 09687
Wood, S. O., Natural gas liquids, 10194
Woodmansee, Walter C., Uranium, 08704
Woodruff, William L., Experimental evaluation of metallic diaphragms for positive fuel expulsion in Atmosphere Explorer hydrazine propulsion subsystem, 08062
Woodyard, Stanley O., Soil survey of Baca County, Colo., 05802
Wright, C.T., Water quality in upper Colorado River basin and relation to reclamation projects, 08820
Wright, D. John, Physics of diagnostic radiology, 11759
Wright, Donald G., Commodity transportation survey, expansion project, 06079
Wright, E.S., Automotive gas turbine optimum configuration study, 03881
Wright, Monte D., Soldiers and statesmen, proceedings of 4th Military history symposium, USAF Academy, 04808
Wright, Richard N., Building performance in 1972 Managua earthquake, 03648
Wu, Steve T.:
Meteorological effects on microwave apparent temperatures looking downward over smooth sea, 03589
Non-coherent model for microwave emissions and backscattering from sea surface, 03590
Wunderlich, Gene, Who owns America's land, problems in preserving rural landscape, 07657
Wyatt, Deborah S., Patterns of burglary, 00514
Wyman, Charles L., Systematic study of focal ratios and effects of optical misalignment for LST, 11136

Y

Yagla, J. J., Machine calculation of unsteady Mach reflections and Prandtl-Meyer supersonic flows, 05745
Yahraes, Herbert, Mental health of rural America, rural programs of the National Institute of Mental Health, 05681
Yakowitz, H., FRAME, on-line correction procedure for quantitative electron probe microanalysis, 04639
Yao, Sam, Low-radar-cross section OH-6A helicopter tail rotor blade, 11305
Yasnowsky, Phillip N., Determining effects of gasoline price on use of metals in automobile manufacture, 06838
Yass, Kenneth, Low-cist, air mass 2 solar simulator, 09496
Yeend, Warren E., Gold-bearing gravel of ancestral Yuba River, Sierra Nevada, Calif., 10947
Yeutter, Clayton:
Sugar and tomorrow, 10499
What's happening on meat scene, 07132
Yoder, G.R., Sustained-load cracking of titanium, survey of 6Al-4V alloys, 08169
Yoffee, William M., International social security agreements, 10420
Yokel, Felix Y., Evaluation of column connections used in precast concrete modular housing system, 09519
Youd, T. Leslie, Liquefaction, flow, and associated ground failure, 05427
Young, John W., Alternate multiple-outer-planet missions using Saturn-Jupiter flyby sequence, 04624
Young, Joseph W., Experimental trauma of occipital impacts, 08903

Z

Zaffarano, Richard F.:
Mineral industry of Arab Republic of Egypt, 11609
Mineral industry of Libya, 09463
Zagorski, Henry J., Automatic data processing system and procedures computerized academic counseling system, 02828
Zaplatynsky, Isidor, Effect of chromia doping on thermal stability of silica fibers, 08046
Zehnder, A., Analytical study of coiled-pipe heat sink, 05302
Zelensky, Paul N., Computation of uniform and nonuniform flow in prismatic conduits, 05357
Zenone, Chester, Geology and water resources of Girdwood-Alyeska area, Alaska, 11539
Ziebarth, Hans K., Mechanical component failure prognosis study, 06014
Zierdt, William H., Army Reserve magazine, 01661
Zilczer, Paul, Laser technology, survey, 04618

Title Index

A

Abatement and pollution control training and educational programs presented by Environmental Protection Agency, 04354
Abatement of mine drainage pollution by underground precipitation, 06574
Abbreviations in Cambodian and Laos press, 09389
Abbreviations in Romanian press, 09392
Abolish position of Commissioner of Fish and Wildlife, 07380
Above ground archaeology, 05983
Abrasive materials in 1973, 10177
Abridged index medicus, 01593
Absorption of SO2 by alkaline solutions in venturi scrubber systems, 01159
Abstracts of completed research, 1972, 06817
Abstracts of grants, contracts, and interagency agreements, 04551
Abstracts of 1974 all-Union radio day scientific meeting, 09428
Abstracts of state day care licensing requirements, 00788
Abundance and distribution of inshore benthic fauna off southwestern Long Island, N.Y., 09553
Academic R&D expenditures reached †3.3 billion in 1972, 00596
Academic R&D expenditures up 9 percent in 1973, 11195
Acceleration and passing ability, comparison of acceleration and passing ability for 1974 passenger cars and motorcycles, 08117
Acceleration of ions by relativistic electron beam, 03511
Accelerator radiation protection, 04845
Acceptable methods, techniques, and practices, aircraft alterations, 01594, 10884
Access, Department of Commerce publication from Office of Minority Business Enterprise, 01595
ACCESS, Santa Barbara Regional Pilot Process, 10335
Accessions list, Bangladesh, 08684
Accessions list, Eastern Africa, 01596
Accessions list, India, 01597, 04572
Accessions list, Indonesia, Malaysia, Singapore and Brunei, 01598, 11030
Accessions list, Israel, 01599
Accessions list, Middle East, 01600
Accessions list, Nepal, 05558
Accessions list, Pakistan, 01601
Accessions list, Sri Lanka, 07953
Accident bulletin, 00626
Accidents on main rural highways related to speed, driver and vehicle, 11505
Accounting and finance manual, 00255
Accounting machines handbook for Federal credit unions, 05658
Accounting series releases, 01602
Accredited postsecondary institutions and programs, 06477
Accuracy and precision of several portable gas detectors, 05599
ACDA authorization, 09207
Achievements of Georgian SSR Academy of Sciences, 07921
Acoustic and performance test comparison of initial quieted truck with contemporary production trucks, 07084
Acoustic command system, Interocean Systems Inc., 10328
Acoustic radar investigations of boundary layer phenomena, 10210
Acoustic radiation patterns for source in hard-walled unflanged circular duct, 06868
Acoustic sounding in planetary boundary layer, 11093
Acoustic tests of 15.2-centimeter-diameter potential flow convergent nozzle, 09488
Acquisition of certain Federal lands for park and recreation purposes, 04210
Acquisitions responsibilities of the 3 U.S. national libraries, 03544
Acrylonitrile-butadiene-styrene type of plastic resin in pellet and powder form from Japan, 07067
Act authorizing construction, repair, and preservation of certain public works on rivers and harbors, flood control, 08345
Act authorizing Secretary of Navy to receive for instruction at United States Naval Academy two citizens and subjects of Empire of Iran, 06154
Act authorizing securing of storage space for United States Senate, United States House of Representatives, and Office of Architect of Capitol, 04026
Act entitled Disaster relief act amendments of 1974, 09734
Act making appropriation for special payments to international financial institutions for fiscal year 1974, 04005
Act making appropriations for Department of Housing and Urban Development, for space, science, veterans, and certain other independent executive agencies, boards, commission, and corporations, 02954
Act making appropriations for Department of Interior and related agencies, fiscal year 1974, 02944
Act making appropriations for Departments of Labor, and Health, Education, and Welfare, and related agencies, for fiscal year ending June 30,1974, 06160
Act making appropriations for government of District of Columbia and other activities chargeable in whole or in part against revenues of said District for fiscal year ending June 30,1974, 02935
Act making appropriations for military construction for Department of Defense for fiscal year ending June 30,1974, and for other purposes, 08339
Act making appropriations for Treasury Department, United States Postal Service, Executive Office of the President, and certain independent agencies, for fiscal year ending June 30, 1974, and for other purposes, 04987

Act to amend act of Aug.31, 1965, commemorating cetain historical events in State of Kansas, 02949
Act to amend Act of Aug.4,1950 (64 Stat.411) to provide salary increases for members of police force of Library of Congress, 04022
Act to amend act of Mar.16,1926 (relating to Board of Public Welfare in District of Columbia), to provide for an improved system of adoption of children in District of Columbia, and for other purposes, 06195
Act to amend act terminating Federal supervision over Klamath Indian Tribe by providing for Federal acquisition of that part of tribal lands described herein, and for other purposes, 00108
Act to amend Agricultural adjustment act, 06186
Act to amend Budget and accounting act, 1921, 11350
Act to amend certain provisions of law defining widow and widower under civil service retirement system, and for other purposes, 10571
Act to amend certain provisions of Land and water conservation fund act of 1965 relating to collection of fees in connection with use of Federal areas for outdoor recreation purposes, 00098
Act to amend chap.33 of title 28 of District of Columbia code relating to usury, 08343
Act to amend chap.36 of Title 38, United States code to authorize Administrator of Veterans' Affairs to make educational and subsistence payments to veterans during periods that educational institutions are temporarily closed, 06173
Act to amend chap.5 of title 37, U.S. code, to revise special pay bonus structure relating to members of Armed Forces, 10576
Act to amend Communications act of 1934, 00099
Act to amend Communications Act of 1934 with regard to broadcasting of certain professional sports clubs' games, 03999
Act to amend Controlled substances act to provide for registration of practitioners conducting narcotic treatment programs , 10579
Act to amend District of Columbia minimum wage act so as to enable airline employees to exchange days at regular rates of compensation, 10566
Act to amend District of Columbia revenue act of 1947 regarding taxability of dividends received by corporation from insurance companies, banks, and other savings institutions, 10575
Act to amend EURATOM cooperation act of 1958, as amended, 00102
Act to amend Fair labor standards act of 1938 to increase minimum wage rate under that act, to expand coverage of act, and for other purposes, 10570
Act to amend Federal cigarette labeling and advertising act of 1965 as amended by Public health cigarette smoking act of 1969 to define term little cigar, 02937
Act to amend Federal railroad safety act of 1970 and other related acts to authorize additional appropriations, and for other purposes, 00103
Act to amend Federal water pollution control act, 08341
Act to amend Federal water pollution control act to establish ratio for allocation of treatment works construction grant funds, 08344
Act to amend Foreign assistance act of 1961, 06158
Act to amend Foreign Service buildings act 1926, 09004
Act to amend International Economic Policy Act of 1972 to change membership of Council on International Economic Policy, 02945
Act to amend International organizations immunities Act to authorize President to extend certain privileges and immunities to Organization of African Unity, 04015
Act to amend International travel act of 1961 to authorize appropriations for fiscal years 1974, 1975, and 1976, 06161
Act to amend Labor management relations act, 1947, to permit employer contributions to jointly administered trust funds established by labor organizations to defray costs of legal services, 00105
Act to amend Lead based paint poisoning prevention act, 04008
Act to amend Marine protection, research and sanctuaries act of 1972, 10568
Act to amend Migratory bird treaty act of July 3, 1918, 11354
Act to amend minimum limits of compensation of Senate committee employees and to amend indicia requirements on franked mail, and for other purposes, 10569
Act to amend National school lunch and Child nutrition acts for purpose of providing additional Federal financial assistance to school lunch and school breakfast programs, 06151
Act to amend Oil pollution act, 1961 (75 Stat.402), as amended, to implement 1969 and 1971 amendments to the International Convention for Prevention of Pollution of Sea by Oil, 1954, as amended, 02943
Act to amend Par value modification act, 04000
Act to amend Public health service act to provide assistance and encouragement for development of comprehensive area emergency medical services systems, 04009
Act to amend Public Health Service act to provide assistance and encouragement for establishment and expansion of health maintenance organizations, and for other purposes, 04999
Act to amend Public law 90-335 (82 stat.174) relating to purchase, sale, and exchange of certain lands on Spokane Indian Reservation, 10581
Act to amend Public law 93-60 to increase authorization for appropriations to Atomic Energy Commission in accordance with sec.261 of Atomic Energy Act of 1954, as amended, 04012
Act to amend Rail passenger service act of 1970 to provide financial assistance to National Railroad Passenger Corporation , 04989
Act to amend Railroad Retirement act of 1937 and Railroad retirement tax act to revise certain eligibility conditions for annuities, to change railroad retirement tax rates, and to amend Interstate commerce act, 00841
Act to amend reorganization plan 2 of 1973, and for other purposes, 11351
Act to amend sec.14(b) of Federal reserve act, as amended, to extend for 3 months authority of Federal reserve banks to purchase United States obligations directly from Treasury, 00842
Act to amend sec.232 of National housing act to authorize insured loans to provide fire safety equipment for nursing homes and intermediate care facilities, 06170

Act to amend sec.505 of title 10, United States Code, to establish uniform original enlistment qualifications for male and female persons, 10583
Act to amend section 2 of act of June 30,1954, as amended, providing for continuance of civil government for Trust Territory of Pacific Islands, 04983
Act to amend section 2031(b)(1) of title 10, United States Code, to remove requirement that Junior Reserve Officer Training Corps unit by any institution must have a minimum number of physically fit male students, 06155
Act to amend section 291(b) of Central Intelligence Agency Retirement act of 1964 for certain employees, relating to cost-of-living increases, 08342
Act to amend section 303(b) of Interstate commerce act to remove certain restrictions upon application and scope of exemption provided therin, 06167
Act to amend section 40b of Bankruptcy act (11 U.S.C.68(b)) to remove restriction on change of full-time referees, 08340
Act to amend section 4082(c) of title 18, United States Code, to extend limits of confinement of Federal prisoners, 04998
Act to amend section 607(k)98) of Merchant marine act, 1936, as amended, 02941
Act to amend section 712 of Title 18 of United States Code, to prohibit persons attempting to collect their own debts from misusing names in order to convey false impression that any agency of Federal government is involved, 04007
Act to amend Small business act, 06192
Act to amend the National Foundation on Arts and Humanities act of 1965, 02952
Act to amend title 5, United States code, to improve administration of leave system for Federal employees, 06157
Act to amend title 5, United States Code, to revise reporting requirement contained in subsection (b) of section 1308, 04011
Act to amend title 10, United States Code, to entitle delegates in Congress from Guam and Virgin Islands to make appointments to service academies, 04020
Act to amend title 10, United States Code, to provide for presentation of flag of United States for deceased members of Ready Reserve, 10584
Act to amend title 10, United States Code, to remove four-year limitation on additional active duty that nonregular officer of Army or Air Force may be required to perform on completion of training at an educational institution, 04018
Act to amend title 37, United States Code to provide entitlement to round trip transportation to home port for member of uniformed services on permanent duty aboard inactivated ship whose dependents are residing at home port, 04019
Act to amend title 37, United States Code, to authorize travel and transportation allowances to certain members of uniformed services in connection with leave, 06176
Act to amend title 38, United States Code, to increase monthly rates of disability and death pensions and dependency and indemnity compensation, 04024
Act to amend title 38, United States Code, to increase rates of vocational rehabilitation, educational assistance, and special training allowances paid to eligible veterans and other persons, 10585
Act to amend title 38 of United States Code in order to establish National Cemetery System within Veterans' Administration, 00091
Act to amend title 38 of United States Code relating to basic provisions of loan guaranty program for veterans, 00092
Act to amend title 39, United States Code, to clarify proper use of franking privilege by Members of Congress, 06159
Act to amend Wild and scenic rivers act by designating Chattooga River, 09732
Act to assure opportunities for employment and training to unemployed and underemployed persons, 06169
Act to authorize additional appropriations to carry out Peace Corps act, and for other purposes, 10590
Act to authorize American Battle Monuments Commission to assume control of overseas war memorials erected by private persons and non-Federal and foreign agencies and to demolish such war memorials in certain instances, 06197
Act to authorize and direct maintenance of adequate and efficient rail service in Midwest and Northeast sections of United States, 06191
Act to authorize and direct Secretary of Department under which Coast Guard is operating to cause vessel Miss Keku to be documented, 09003
Act to authorize and require President of United States to allocate crude oil, residual fuel oil, and refined petroleum products to deal with existing or imminent shortages, to provide for delegation of authority, 04013
Act to authorize appropriations during fiscal year 1974 for procurement of aircraft, missiles, naval vessels, etc., 04010
Act to authorize appropriations for construction of certain highways in accordance with title 23 of United States code for other purposes, 00101
Act to authorize appropriations for Department of State and for other purposes, 02947
Act to authorize appropriations for United States Information Agency, 04017
Act to authorize certain construction at military installations, and for other purposes, 04992
Act to authorize certain Federal agencies to detail personnel and to loan equipment to Bureau of Sport Fisheries and Wildlife, Department of Interior, 10578
Act to authorize certain programs and activities of government of District of Columbia, 04003
Act to authorize disposal of aluminum from national stockpile, 10564
Act to authorize disposal of copper from national stockpile and supplemental stockpile, 06177
Act to authorize disposal of molybdenum from national stockpile, 10563
Act to authorize disposal of opium from national stockpile, 10562
Act to authorize disposal of silicon carbide from national stockpile and supplemental stockpile, 06179
Act to authorize disposal of zinc from national stockpile and supplemental stockpile, 06175
Act to authorize District of Columbia Council to regulate and stabilize rents in District of Columbia, 04991

Act to authorize sale of former Foreign Service consulate building in Venice to Wake forest University, 09005
Act to authorize Secretary of Interior to convey certain mineral interests of United States to owner or owners of record of certain lands in South Carolina, 10586, 10588
Act to authorize Secretary of Interior to engage in feasibility investigation of certain potential water resource developments, 04001
Act to authorize Secretary of Interior to enter into agreements with non-Federal agencies for replacement of existing American Falls Dam, Minidoka project, Idaho, and for other purposes, 06172
Act to authorize Secretary of Interior to sell certain rights in Florida, 10589
Act to authorize Secretary of State or such officer as he may designate to conclude agreement with People's Republic of China for indemnification for any loss or damage to objects in exhibition, 10582
Act to authorize striking of medals in commemoration of one hundredth anniversary of cable car in San Francisco, 02939
Act to authorize the appropriation of $150,000 to assist in financing arctic winter games to be held in State of Alaska, 04006
Act to change name of New Hope Dam and Lake, North Carolina, to B. Everett Jordan Dam and Lake, 04004
Act to confer jurisdiction upon direct court of United States of certain civil actions brought by Senate Select Committee on Presidential Campaign Activities, 08338
Act to continue mandatory price support for tung nuts only through 1976 crop, 06182
Act to continue until close of June 30, 1974, suspension of duties on certain forms of copper, 00094
Act to continue until close of June 30, 1975, existing suspension of duties for metal scrap, 00095
Act to continue until July 1, 1976, existing suspension of duty on manganese ore, and for other purposes, 00106
Act to correct typographical and clerical errors in Public law 93-86, 00845
Act to declare that certain mineral interests are held by United States in trust for Chippewa Cree Tribe of Rocky Boy's Reservation, Mont., 10580
Act to designate portion of project for flood control protection on Chartiers Creek that is within Allegheny County, Pa., as James G. Fulton Flood Protection Project, 06187
Act to determine rights and interests of Choctaw Nation, Chickasaw Nation, and Cherokee Nation in and to bed of Arkansas River below Canadian Fork and eastern boundary of Oklahoma, 06162
Act to establish Federal Financing Bank, to provide for coordinated and more efficient financing of Federal and federally assisted borrowings from public, 06181
Act to extend civil service Federal employees group life insurance and Federal employees health benefits coverage to United States nationals employed by Federal Government, 04014
Act to extend Environmental education act for 3 years, 10577
Act to extend until Nov.1, 1978, existing exemption of steamboat Delta Queen from certain vessel laws, 00112
Act to extend until Sept. 30, 1975, suspension of duty on certain dyeing and tanning products and to include logwood among such products, 00107
Act to grant consent of United States to Arkansas River Basin compact, Arkansas-Oklahoma, 02955
Act to increase authorization for fiscal year 1974 for Committee for a Purchase of Products and Services fo the Blind and Other Severly Handicapped, 00093
Act to liberalize eligibility for cost-of-living increases in civil service retirement annuities, 04986
Act to name Federal office building in Dallas, Tex., Earle Cabell Federal Building, 04997
Act to name headquarters building in Geological Survey National Center under construction in Reston, Va., as John Wesley Powell Federal Building, 04995
Act to name structure S-5A of Central and Southern Florida Flood Control District, located in Palm Beach County, Fla., as W. Turner Wallis Pumping Station , 09733
Act to name United States courthouse and Federal office building under construction in New Orleans, La., as Hale Boggs Federal Building, 06178
Act to postpone implementation of Headstart fee schedule, 06168
Act to provide emergency security assistance authorizations for Israel and Cambodia, 06166
Act to provide for appointment of alternates for Governors of International Monetary Fund and of International Bank for Reconstruction and Development, 00104
Act to provide for conservation of endangered and threatened species of fish, wildlife, and plants, 06171
Act to provide for conveyance of certain lands of United States to State of Louisiana for use of Louisiana State University, 06153
Act to provide for conveyance of certain mineral interests of United States in property in Utah to record owners of surface of that property, 11352
Act to provide for conveyance of certain mineral rights in and under lands in Onslow County, North Carolina, 04027
Act to provide for daylight saving time on year-round basis for two year trial period and to require Federal Communications Commission to permit certain daytime broadcast stations to operate before local sunrise, 04994
Act to provide for emergency allotment lease and transfer of tobacco allotments of quotas for 1973 in certain disaster areas in Georgia and South Carolina, 00097
Act to provide for enlistment and commissioning of women in Coast Guard Reserve, 06156
Act to provide for establishment of Board for International Broadcasting to authorize continuation of assistance to Radio Free Euorpe and Radio Liberty, 02950
Act to provide for establishment of Lyndon Baines Johnson Memorial Grove on Potomac, 06174
Act to provide for feasibility study and to accept gift from United States Capitol Historical Society, 06183
Act to provide for filling of vacancies in legislature of Virgin Islands, 00846
Act to provide for financing economic development of Indians and Indian organizations, and for other purposes, 11353

Act to provide for increasing amount of interest paid on permanent fund of United States Soldiers' and Airmen's Home, 04028
Act to provide for naming of lake to be created by Buchanan Dam, Chowchilla River, Calif., 06180
Act to provide for operation of programs by ACTION Agency to establish certain new such programs, and for other purposes , 02938
Act to provide for participation by United States in United Nations environment program, 04029
Act to provide for striking of medals commemorating International Exposition on Environment at Spokane, Wash., in 1974, 10565
Act to provide for striking of medals in commemoration of 100th anniversary of statehood of Colorado, 06184
Act to provide for striking of medals in commemoration of Jim Thorpe, 00847
Act to provide for temporary increase of $10,700,000,000 in public debt limit and extend period to which this temporary limit applies to June 30,1974, 04021
Act to provide for uniform application of position classification and general schedule pay rate provisions of Title 5, United States Code, to certain employees of Selective Service System, 04023
Act to provide for use or distribution of funds appropriated in satisfaction of certain judgments of Indian Claims Commission and Court of Claims, 02953
Act to provide new coinage design emblematic of the Bicentennial of American Revolution for dollars, half dollars, and quarter dollars, to authorize issuance of silver coins commemorating the Bicentennial of the American Revolution, 02948
Act to provide that project referred to as Trotters Shoals Dam and Lake on Savannah River, Georgia and South Carolina, shall hereafter be known and designated as Richard B. Russell Dam and Lake, 04002
Act to provide 7 percent increase in social security benefits beginning with March 1974 and an additional 4 percent increase beginning with June,1974, to provide increases in supplemental security income benefits, 06189
Act to rename first Civilian Conservation Corps Center, 10587
Act to reorganize and consolidate certain functions of Federal Government in a new Federal Energy Administration in order to promote more efficient management of such functions, 08346
Act to reorganize governmental structure of District of Columbia, 06165
Act to repeal provisions of Agriculture and consumer protection act of 1973 which provide for payments to farmers in event of crop failures with respect to crops planted in lieu of wheat or feed grains, 06185
Act to replace Vocational rehabilitation act, 04984
Act to require that reproductions and imitations of coins and political items be marked as copies or with date of manufacture, 04016
Act to suspend duty on caprolactam monomer in water solution until close of Dec.31, 1973, 00096
Act, to establish American Revolution Bicentennial Administration, 04025
Action pamphlets, 00710
ACTION, bi-annual statistical summary, 10/PG volunteer records, 05910
Actions in docket cases, 01953
Activated sludge treatment systems with oxygen, 07764
Active research tasks report, National Environmental Research Center, 00324
Activities of Cabinet Committee on Opportunities for Spanish-Speaking People, 00134
Activities of Committee on Government Operations, Senate, 00999
Activities of Kzakh Academy of Sciences in 1972, 04548
Activities of National Transportation Safety Board, 06378
Activities report of Basic and Applied Sciences Branch, Division of Water Supply and Pollution Control, 11718
Actuarial note, 05793, 07030, 11766-7
Actuarial odds scores for return to duty success of Navy and Marine Corps personnel admitted to psychiatric sick list, 06821
Acute care hospitals, planning and executing capital projects under cost controls, 10799
Acute conditions, incidence and associated disability, 08109
Ad Hoc conference on solid waste training, 11719
Adaptation of advanced measurement and evaluation techniques for utilization in Air Force technical training systems, 05970
Adding certain property in Philadelphia, Pa., to Independence National Historical Park, 06328
Additional cost of providing mobility for elderly and handicapped Washington metropolitan rail rapid transit system, 11271
Address by Dean Burch, 01197, 05348-9
Address by Earl L. Buyz, 03844
Address by John K. Tabor, 00080, 00804, 03971, 03979
Address by John Ottina, U.S. Commissioner of Education, 07658
Address by Lewis A. Engman, 08578-9, 10051-3
Address by Postmaster General E. T. Klassen, 03814
Address by Robert D. Timm, 03961
Address by Secretary of Commerce Frederic B. Dent, 00805, 03972-8, 04964-8, 06120-1, 07320, 07328, 07330, 08325, 08963
Address by Secretary of State Henry A. Kissinger, 03759
Address by Secretary of State Henry A. Kissinger before 6th special session of United Nations General Assembly, 11772
Address by Secretary of State Henry A. Kissinger, delivered before General Assembly of Organization of American States, 11777
Address by Secretary of Treasury George P. Shultz, 05882
Address by William W. Blunt, Jr., 05277
Address on children's television, 11529
Adenosine triphosphate (ATP) as possible indicator of extraterrestrial biology, 11147
Adequacy of consumer redress mechanisms, 07478
Adequacy of Federal response to housing needs of older Americans, 09178
Adhesion of ice frozen from dilute electrolyte solutions, 09981
Adjustments to income for sick pay, 04505
Administration health proposal, 09923
Administration in mental health, 05677
Administration of Federal employees health benefits program, 09105
Administration of Federal employee leave system, 02984, 03214

564-800 O - 75 - 36

Administration of Freedom of Information act, 00907
Administration of military claims in Europe, 09842
Administration of training, 06115
Administration of Vocational rehabilitation act for fiscal year 1972, 09227
Administration proposal to increase public debt ceiling, 04151
Administration requests, increase in debt ceiling, 00168
Administration, weekly Government abstracts, 02759
Administration's 1973 housing proposals, 06370
Administration's proposal for relaxation of air pollution standards, 04256
Administrative and legislative directives to Bureau of Outdoor Recreation, 11212
Administrative control of community planning and development program funds, 07881
Administrative expenses of welfare and pension plans, 09437
Administrative settlement of military claims, 00148, 03026
Admission rates by highest level of education attained, State and county mental hospitals, 10300
ADP security manual, 05196
Adult basic education program statistics, student and staff data, 07659
Adult scabies mites, mouth parts, pedicels & suckers, 07163
Advance acquisition of land program, 10119
Advance BCD, 01603
Advance monthly retail sales, 01834
Advanced automotive control systems vehicles, final report, 00028
Advanced capacitative oil debris monitor, 07183
Advanced coal gasification system for electric power generation, 06118
Advanced development work resulting in inventory management (IM) individualized instruction materials, 08889
Advanced engine control program, 07194
Advanced methods for solution of differential equations, 03594
Advanced scanners and imaging systems for earth observations, 03596
Advanced structural concepts for fuselage, 07187
Advanced torque measurement system, 06018
Advanced turbine measurement systems technique for aircraft turboshaft engines, 04875
Advanced, small, high-temperature-rise combustor program, 09687, 10515
Advances in North American avalanche technology, 1972 symposium, 04432
Adverse action, law and regulations, annotated, 01987
Adverse effect of film cooling on suction surface of turbine vane, 08742
Adverse effects of coal mining on Federal reservoir projects, 07407
Advisory Council on Historic Preservation, 05913
Advisory Council on Historic Preservation report to President and Congress of United States, 05914
Advisory Council on Social Security reports on old-age, survivors, and disability insurance and medicare programs, 04772
Advisory opinion 2 on subject of Member's clerk hire, 09121
AE-CL series, 01716
AEC authorizing legislation fiscal year 1975, 07366
AEC Dec.1,1973 report on energy research and development, 08347
AEC news release, 01604
AEC research and development reports, 00043-6, 00747-55, 02842-61, 03923-6, 04881-99, 06024-66, 07203-42, 08298-307, 08895-8, 09689-704, 10517-28, 11307-10
Aerial detection of spill sources, 06575
Aerial radiological measuring survey of area surrounding Dresden Nuclear Power Station, Morris, Ill., Sept. 1968, 09694
Aerial radiological measuring system, 06024-32, 09694
Aerial spill prevention surveillance during suboptimum weather, 10831
Aerodynamic characteristics of finite-span wing with flap moving near solid wall, 09394
Aerodynamic control of nitrogen oxides and other pollutants from fossil fuel combustion, 07743-4
Aerodynamic design and installation, 07179
Aerodynamic drag and fuel spreading measurements in simulated scramjet combustion module, 11668
Aerodynamic heating and loading within large open cavities in cone and cone-cylinder-flare models at Mach 6.7, 10235
Aerodynamic influence coefficient method using singularity splines, 09483
Aerodynamics of airfoils, 08668
Aeroelastic analysis of a telescoping rotor blade, 04878
Aeronautical engineering, 01605
Aeronautical engineering, special bibliography, with indexes, 00551
Aerospace human factors engineering, 01330
Aerospace medicine and biology, 01606
Aerospace safety (perodical), 01607
Aerospace vehicles as objects of control, 09512
Aesthetics in environmental planning, 07776
Affirmative action and equal employment, guidebook for employers, 07786
Affirmative action planning for State and local governments, 04948
Affirmative action programs for women, survey of innovative programs, 06599
AFOSR TR series, 04799, 05965, 07136-7
Africa, U.S. development aid, 11773
African series, 11773
Africana acquisitions, report of publication survey trip to Nigeria, Southern Africa, and Europe, 01363
After the war, European security and Middle East, 09066
Age at menarche, United States, 05652
Age differences in medical care spending, 08216
Age discrimination in employment act, 06484-5
Aged patients in long-term care facilities, staff manual, 07162
Agency for International Development procurement regulations, 01608, 05493, 07903
Agency training centers for Federal employees, 04956
Aggregate reserves and member bank deposits, 01610
Aging (periodical), 01609
Agreement with Canada for promotion of safety on Great Lakes by means of radio, 00186
Agricultural commodities, 00680, 00682-4, 00697, 01568, 01577, 03775, 03783-4, 05846, 05848-50, 05852-6, 07052, 07060
Agricultural economic report, 00007, 05279, 05926-8, 07105-6, 08276, 11293

Agricultural economics research, 01611
Agricultural finance outlook, 04337, 06471
Agricultural finance statistics, 09259
Agricultural outlook digest, 01612
Agricultural prices, 01613
Agricultural research, 01614
Agricultural science review, 01615
Agricultural situation, 01616
Agricultural situation in Communist areas, 00293
Agricultural situation in Soviet Union, review of 1973 and outlook for 1974, 11453
Agricultural situation in Western Europe, 10807
Agricultural situation in Western Hemisphere, review of 1973 and outlook for 1974, 08534
Agricultural Stabilization and Conservation Service, 03840
Agricultural Stabilization and Conservation Service press releases, 02450
Agriculture & food, weekly Government abstracts, 02760
Agriculture and fuel crisis, 05043
Agriculture decisions, 01617
Agriculture Department leaflet, 02816, 03854, 05944-5, 07118, 08881
Agriculture Department miscellaneous publication, 04785-8, 05948, 08278, 10496
Agriculture Department news, 02451
Agriculture Department statistical bulletin, 07129, 10498
Agriculture Department technical bulletin, 00021, 03876, 04793-7, 05953-7, 07130
Agriculture handbook, 02809, 05929-32, 07107-9, 11294
Agriculture in United States and People's Republic of China, 10808
Agriculture in United States and Soviet Union, 04342
Agriculture information bulletin AIB series, 02810, 05933, 07111, 08880, 10493-4
Agriculture inspection on Mexican borders, 00017
Agriculture, environmental and consumer protection appropriation, 1974, 03014, 06224
Agriculture, environmental and consumer protection appropriations for 1975, 07386, 09046-7, 09800-1, 10675
Agriculture, rural development, and use of land, 09908
AH-1G design and operational flight loads study, 07182
Aids to media selection for students and teachers, 03312
Air almanac, 06997
Air bag development and technology, 05124
Air carrier financial statistics, 01618
Air carrier traffic statistics, 01619
Air charter services, 01569, 01572-3
Air conditioning, commercial and industrial refrigeration equipment trade data, 10803
Air drop of supplies and equipment, rigging pole-type utility and bolster trailer, 05994
Air flotation, biological oxidation of synthetic rubber and latex wastewater, 06564
Air Force Academy special bibliography series, 05964
Air Force ASPR supplement, 01620
Air Force civil engineer, 01621
Air Force comptroller, 01622
Air Force Human Resources Laboratory report technical, 00030-1, 02822-32, 04800-2, 05966-73, 07138-53, 08280, 08883-9, 09665-77, 10501-2
Air Force manual AFM series, 00726, 02833, 03885, 04803-6, 05974, 07154-7, 08281
Air Force Office of Scientific Research technical report, 04799, 05965, 07136-7
Air Force pamphlet AFP series, 00727, 04807, 05975-7, 07158-9
Air navigation, 02833
Air pollution abstracts, 01623
Air pollution aspects of emission sources, 00725
Air pollution damages trees, 00391
Air pollution engineering manual, 00022
Air pollution engineering source evaluation of ammonia oxidation plant no 10, Holston Army Ammunition Plant, Kingsport, Tenn., 09986
Air pollution measurements from satellites, 08022
Air pollution/land use planning project, 08540-1
Air pollution translations, bibliography with abstracts, 09277
Air quality and automobile emission control, 10796-8
Air reserve as all-volunteer force, 05968
Air reservist, 01624
Air Staff, Department of Air Force, 01625
Air transport services, 00677, 01578
Air transport services, protocol, 00676
Air University Library index to military periodicals, 01626
Air University review [professional journal of Air Force], 01627
Air-drying guide for Tennessee Valley, 11270
Airborne chemical elements in Spanish moss, 01263
Airborne exports and general imports, 02701
Airborne resistivity survey near Fairbanks, Alaska, aid in bedrock geology reconnaissance, 10810
Aircraft accident report, 00597, 01497-9, 03690, 05717-8, 06995, 08160, 09569-70, 10351
Aircraft accident reports, brief format, U.S. civil aviation, 01628
Aircraft emissions, impact on air quality and feasibility of control, 09664
Aircraft engine and propeller type certificate data sheets and specifications, 01629
Aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, 11257
Aircraft investigation of turbulence in lower layers of marine boundary layer, 10326
Aircraft operating cost and performance report, 00791
Aircraft registration, 10013
Aircraft type certificate data sheets and specifications, supplements, 01630
Airdrop recovery procedures, 04872
Airfield operational and maintenance facilities, 03917, 04871
Airfield pavements, 00598
Airman career information, enlisted personnel, 05976
Airman, official magazine of Air Force, 01631
Airman's information manual, 01194, 01632-5, 09293
Airmobility, 06023
Airport access study, impact of airport-oriented vehicle trips on highway facilities, 00361
Airport design standards, 02837
Airport directory, 01194, 09293
Airport security, 10016
Airspace utilization considerations in proposed construction, alteration, activation and deactivation of airport, 00355
Alabama forests, trends and prospects, 06672
Alabama landings, 01636
Alaska Village Demonstration Projects, report to Congress, 06536
Alaska's fishery resources, Dungeness crab, 09548

Alcohol & health notes, 01637
Alcohol and disorientation-related reponses, 00047
Alcohol and tobacco summary statistics, 04812
Alcohol and you, 01638
Alcohol health and research world, 01639
Aldehyde and reactive organic emissions from motor vehicles, 00028-9
Alexander is a swoose, 09714
Algal assay procedure, bottle test, 07723
Algorithm for calculating multiphase chemical equilibrium, 04584
Algorithm of opeator activities in process of target classification of radar scope, 05523
Algorithms for controlling walking apparatus capable of overcoming obstacles, USSR study, 07925
Alien labor program in Guam, 04130
Aliso Water Management Agency study, 10007
All about OSHA, who, what, where, when, why & how of Occupational safety and health act of 1970, 04708
All electric homes in United States, annual bills, Jan.1,1972, cities of 50,000 and more, 05362
All hands, Naval Personnel Bureau career publication, 01640
All operating savings and loan associations, selected balance sheet data, 01641
All you need to know about metric for your everyday life, 03626
All you need to know about metric for your everyday life [poster], 03627
All-channel radio receivers, 10762
All-Union scientific meeting on Radio Day, cybernetics, bionics, and engineering psychology, 01338
All-Union state standard GOST, 05512
Allegheny Portage Railroad National Historic Site, Penn., 04682
Allied health professions, special improvement grants, 10095
Alpine wave meter, model 418, 01485
Alpine, Tex., 00852, 01101
Alternate multiple-puter-planet missions using Saturn-Jupiter flyby sequence, 04624
Alternative materials for one cent coinage, 05883
Alternatives in higher education, 08790
Alternatives to drugs, new approach to drug education, 04652
Alternatives to institutionalization of elderly, 07550
Alum addition to activated sludge with tertiary solids removal, 00335
Aluminum foil converted, 11325
Aluminum imports and exports, 01643
Aluminum ingot and mill products, summary for 1972, 04916
Aluminum ingot and scrap in non-aluminum uses, 06464
AM series, 07245-52, 08901-2
Amateur athletic act of 1973, 03149, 07484
Amateur sports, 00204
Amazon, measuring a mighty river, 08609, 10085
AMC pamphlet, 00735-6, 04821, 05990
Amend Federal meat inspection act, 06269
Amend postal labor-management procedures, 07443
Amending act entitled Act to incorporated American Hospital of Paris, 03243
Amending act of Aug. 31, 1965, commemorating certain historical events in State of Kansas, 02996, 03170
Amending act of Aug.4,1950 (64 Stat.411) to provide salary increases for members of police force of Library of Congress, 03069
Amending act of Feb. 24, 1925, incorporating American War Mothers, 06327
Amending act of June 27, 1960 relating to preservation of historical and archeological data, 09790
Amending Alaska native claims settlement act, 09084
Amending and extending authority for regulation of exports, 09797
Amending Arms control and disarmament act, 09770
Amending Bankruptcy act to remove restriction on change of salary of full-time referees, 10721
Amending District of Columbia election law, 06286
Amending District of Columbia minimum wage act for airline employees, 04071
Amending District of Columbia usury laws, 06230, 11421
Amending Federal aviation act of 1958 by offering free transportation to carrier employees and survivors, 03207
Amending Federal reports act to avoid undue delay in collection of information by Government agencies, 03241
Amending Federal water pollution control act, 06255
Amending Flood control act of 1938, 09880
Amending Freedom of information act to require that information be made available to Congress, 11382
Amending Land and water conservation fund act of 1965 to authorize development of indoor recreation facilities in certain areas, 11430
Amending Micronesian claims act of 1971, 03159
Amending Northwest Atlantic fisheries act of 1950, 10657
Amending Pennsylvania Avenue Development Corporation act, 11429
Amending Recreation and public purposes act, 03180
Amending reorganization plan 2 of 1973 and providing remedy against United States for international torts of its investigative and law enforcement officers, 06329
Amending sec. 28 of Mineral leasing act, 03076
Amending sec. 40 b of Bankruptcy act (11 U.S.C. 68(b) to remove restriction on change of salary of full-time referees, 03067
Amending sec.552 of title 5, United States Code, known as Freedom of information act, 11380
Amending sec.7305, title 10, United States Code, relating to sale of naval vessels stricken from Naval Vessel Register, 10609
Amending section 712 of title 18 of United States Code to prohibit misuse of name or symbol of Federal Government in collection of debts, 03195
Amending trademark act to extend time for filing opposition, eliminate requirement of reasons for appeal, 03017
Amending Wild and scenic rivers act, 03073
Amending Wild and scenic rivers act by designating Chattooga River, N.C., S.C. and Ga. as component of national wild and scenic rivers system, 06235
Amending Wild and scenic rivers act by designating segment of New River for study for possible inclusion in national wild and scenic rivers system, 11426
Amending Wild and Scenic rivers act by designating segment of Wisconsin River for study for possible inclusion in national wild and scenic rivers system, 03158

Amending wild and scenic rivers act by designating segments of Au Sable and Manistee Rivers for study, 03157
Amending Wild and scenic rivers act to extend period of protection of rivers under study, 02978
Amending Youth Conservation Corps act of 1972 to expand and make permanent Youth Conservation Corps, 03179
Amendment of articles of agreement of International Finance Corporation, 01576
Amendment to CIA retirement act and cost-of-living adjustment to retirement pay of certain officers of armed services, 10607
Amendment to Federal-aid highway act of 1973, 10605
Amendment to Idaho admission act, and conveyance of certain lands, 08491
Amendment to international civil aviation convention, 04158
Amendment to 1975 budget for Supreme Court, 09877
Amendment to United Nations participation act, 03169
Amendment to United States standards for grades of canned ripe olives, 03834
Amendments to budget for fiscal year, 1974, 06209
Amendments to Defense production act of 1950, 11397
Amendments to Environmental education act, 00128
Amendments to Federal advisory committee act, 06302
Amendments to foreign trade statistics regulations, 06070
Amendments to National traffic and motor vehicle safety act, 04121-2
Amendments to Solid waste disposal act, prepared by staff for use of Committee on Interstate and Foreign Commerce and its Subcommittee on Public Health and Environment, Mar.1974., 10703
Amendments to Wagner-O'Day act, 07408
America's educationally neglected, progress report on compensatory education, 04595
America's energy potential, summary and explanation, 09080
America's islands, 05695
American agricultural system, domestic and foreign elements affecting U.S. agricultural policy, 04185
American agriculture must export to live, 05934
American artist and water reclamation, 00617
American Business Day, 09169
American economy and you, 00081
American education (periodical), 01644
American ephemeris and nautical almanac, 05721
American families, trends and pressures, 1973, 07551
American ground transport, 08497
American Indian in films, 04501
American Indian Policy Review Commission, 06333
American military history, 07965
American-Polish trade accords, 07646
American Revolution Bicentennial Administration, 03083
American single locomotives and the Pioneer, 00632
American wood, 03388-93, 04424-6, 05389
Americans missing in Southeast Asia, 09898
Ammonia-nitrogen removal by breakpoint chlorination, 07762
Amnesty, 10708
Amortization of pollution control facilities, 05471
Amphetamines, barbiturates, hallucinogens, analysis of use, distribution and control, 06466
AMS series, 07099-100
Amtrak improvement act of 1973, 03048
Amtrak oversight and authorization, 07470
Analog model study of ground-water basin of upper Coachella Valley, Calif., 10092
Analyses of natural gases, 1972, 05578
Analyses of tars, chars, gases, and water found in effluents from synthane process, 06840
Analyses of tipple and delivered samples of coal collected during fiscal year 1973, 06836
Analysis and calculation of lightning-induced voltages in aircraft electrical circuits, 08028
Analysis and design of advanced composite bonded joints, 08711
Analysis for managers of people and things, 04269
Analysis of aeronautical satellite evaluation and development system, 11788
Analysis of Air Force Institute of Technology course 475, Laboratory management of R&D, 02832
Analysis of Air Force reading improvement programs, 07150
Analysis of axisymmetrical vibration of partially liquid-filled elastic sphere by method of Green's function, 08063
Analysis of commercial lobster (Homarus americanus) fishery along coast of Maine, 05702
Analysis of constitutional standard for Presidential impeachment, 05755-6
Analysis of criteria for on-condition maintenance for helicopter transmissions, 06020
Analysis of current conditions in U.S. newsprint supply, 06465
Analysis of effects of cost-of-service transportation rates on U.S. grain marketing system, 00021
Analysis of facsimile-camera response to radiant point sources, 05622
Analysis of factors influencing fracture initiation and orientation in oil reservoir sandstone, 07989
Analysis of feasibility of experiment to measure carbon monoxide in atmosphere, 04602
Analysis of Federal population research, 05684
Analysis of Federal R & D funding by function, 08787
Analysis of Federal tax treatment of oil and gas and some policy alternatives, 05144
Analysis of finite-size phase arrays of circular waveguide elements, 10259
Analysis of flight model space performance during thermal-vacuum tests, 06878
Analysis of impact of rate regulation in consumer credit industry, 06934
Analysis of injection of heated turbulent jet into cross flow, 05635
Analysis of laminated, composite, circular cylindrical shells with general boundary conditions, 10260
Analysis of length of prior hospital stays for extended facility cases, 07030
Analysis of maneuverability effects on rotor/wing design characteristics, 07202, 08894, 10516
Analysis of mid-range resources requirements for national cancer program, 11678
Analysis of odorous compounds in diesel engine exhaust, 00343
Analysis of proposed amendments to Foreign assistance act of 1961, as amended, 00927
Analysis of reverse bias characteristics, 04625

Analysis of rolling motion of finned missiles at large angles of attack, 05729
Analysis of sec.235 and 236 programs, 04190
Analysis of stability of geographic index of reimbursement, 11767
Analysis of stall flutter of helicopter rotor blade, 04605
Analysis of stresses at bore of drilled ball operating in high-speed bearing, 06893
Analysis of three-point-bend tests for materials with unequal tension and compression properties, 08737
Analysis of trade agreements program and trade reform act of 1973, 10767
Analysis of underwater optical detection systems utilizing photoluminescent targets, 02857
Analysis of vapors emitted from military mines, 07677
Analysis of world-wide contributions to Nuclear science abstracts, 09702
Analytical and experimental investigation of aircraft metal structures reinforced with filamentary composites, 08017
Analytical and experimental investigation of rotating and noncapillary heat pipes, 00548
Analytical investigation of aerodynamic stability of helical vortices shed from hovering rotor, 07196
Analytical methods for detection of toxic elements in dry matrices, literature survey, 06907
Analytical study of coiled-pipe heat sink, 05302
Analytical study of rigidized fibrous materials, 08038
Anatomy of beef price situation , 03845
Anatomy of price change, 10164
Anatomy of scam, case study of planned bankruptcy by organized crime, 08677, 09430
Andean Common Market, implications for U.S. business, 03298
Andean integration movement, 05819
Angola-Zaire, international boundary study, 10438
Angular momentum and aircraft-store separation problem, 05733
Animal feedlot waste program research needs, 07816
Animal health research, 05107, 08378
Animal health research act, 10611
Animal morbidity report, 01645, 04814-5
Annapolis Field Office, technical report, 10820-1
Annapolis, United States Naval 7cademy, catalog, 08163
Annotated bibliography of aerial remote sensing in coastal engineering, 07672
Annotated bibliography of interspecific hybridization of fishes of subfamily Salmoninae, 10315
Annotated bibliography of literature on resource sharing computer networks, 03640
Annotated bibliography on effects of salinity and salinity changes on life in coastal waters, 01143
Annotated bibliography on mental health in schools, 06953
Annotated bibliography on sharing, centralization, and consolidation of health facility laboratories and related diagnostic services, 04488
Annotated list of Cicadellidae and Fulgoridae of elm, 08595, 10071
Annotated list of publications of Pacific Northwest Forest and Range Experiment Station for year 1972, 04427
Annotated manual of statutes and regulations, Federal Home Loan Bank Board, 01646, 04408
Announcement from Copyright Office, Library of Congress, 01647
Announcement of opportunities for participation AO series, 11080-1
Announcing opportunities for firefighter District of Columbia Fire Department, 03962
Annual arrangements, improving coordination of community development programs, 05446
Annual credit report, Indian Affairs Bureau, 03435
Annual cycles of soil and water temperatures at Hubbard Brook, 00397
Annual fire report, 04570
Annual historical summary, Defense Documentation Center, 11441
Annual letter, 1973, Institute of Tropical Forestry, Rio Piedras, P.R., 10931
Annual peak discharges from small drainage areas in Montana through Sept.1972, 01250
Annual report, ACTION, 07096
Annaul report authorized by 38 U.S.C. 5057, Administrator, Veterans' Affairs, on sharing medical resources, fiscal year 1973, 09122
Annual report 1972, Comptroller of Currency, 03991, 05018
Annual report 1973, Commissioner of Internal Revenue, 06223, 06733
Annual report of Administrator, 1972, National Credit Union Administration, 03655
Annual report of American Battle Monuments Commission, 09243, 09967
Annual report of American Historical Association, 04813, 06218
Annual report of Board of Trustees of Federal Old-Age and Survovors Insurance and Disability Insurance Trust Funds, 04035
Annual report of Board of Trustees of Federal Supplementary Medical Insurance Trust Fund, 02959
Annual report of Congressional Research Service, 10716-7
Annual report of Council on International Economic Policy, 04087
Annual report of Defense supply Agency, 11442
Annual report of Department of Housing and Urban Development, 00850, 01286
Annual Report of Economic Development Administration, 07648
Annual report of Federal Deposit Insurance Corporation, 05352
Annual report of Federal Maritime Commission, 00371
Annual report of HUD activities under Uniform relocation assistance and real property acquisition policies act, 1096
Annual report of insurance business transacted in Canal Zone during calendar year, 02862
Annual report of Librarian of Congress, 09019, 09447
Annual report of National Credit Union Administration, 01434
Annual report of Office of Revenue Sharing, 08257
Annual report of Secretary of Commerce, 07321
Annual report of Secretary of Treasury on state of finances, 02957, 03805
Annual report of Social Security Administration, 09860
Annual report of Tennessee Valley Authority, 09641-2
Annual report of United States National Committee on Vital and Health Statistics, fiscal year 1973., 05650

Annual report of United States Tariff Commission, 07068
Annual report of U.S. Court of Military Appeals, and Judge Advocates General of Armed Forces, and General Counsel of Department of Transportation, 01062
Annual report of work of Cooperative Farm Credit system, fiscal year 1973, 09021
Annual report on exchange of medical information fiscal year 1973, 09244
Annual report on research project, 04883
Annual report on sharing medical facilities, 09245
Annual report to Congress, 08308, 08899
Annual report, Administrator of Veterans Affairs, 07374, 08263
Annual report, Board of Trustees of Federal Hospital Insurance Trust Fund, 02958
Annual report, Defense Department, FY 1975, defense budget and program, 0763
Annual report, Division of Forestry, Fisheries and Wildlife Development 01586
Annual report, fiscal year 1973, Division of Forestry, Fisheries, and Wildlife Development, TVA, 05877
Annual report, Immigration and Naturalization Service, 05466
Annual report, July 1, 1972 - June 30, 1973, National Advisory Council on International Monetary and Financial Policies, 05607
Annual report, 1972, Chief of Engineers on civil works activities, 09013, 09265
Annual report, National Fertilizer Development Center, 09646
Annual report, National Plant Material Center, 00642
Annual report, 1972, Girl Scouts of U.S.A., 05017
Annual report, 1973, Office of Telecommunications, OT bulletin, 04971
Annual report, 1974, National Advisory Council on Adult Education, 10201
Annual report, St. Lawrence Seaway Development Corporation, 1972, 00117, 00629
Annual report, U.S. Commissioner of Education, 1972, 05287
Annual reports, 1972, under Highway safety and National traffic and motor vehicle safety acts of 1966, 05023
Annual reports of River Basin Commissions, 09024
Annual review of aircraft accident data 1970, U.S. general aviation, 11199
Annual reviews of aircraft accident data, U.S. air carrier operations, 11200
Annual statistical report, 1972, rural electric borrowers, 08827
Annual statistical report, 1972, rural telephone borrowers, 08195
Annual summary of international travelers to U.S. 09649
Annual survey of manufactures, 00757, 03932, 09706
Annual water-resources review, White Sands Missile Range, 1972, basic-data report, 01251
Annual work programs and budgets for rural electric distribution systems, 10399
Antarctic journal of United States, 01648
Antarctica, measures in furtherance of principles and objectives of Antarctic treaty, recommendations, 03781
Antenatal diagnosis and Down's syndrome, 08131
Anti-chafe hose, 09686
Anti-friction bearings, 04917
Anti-Marxist essence of Maoist military policy, 05517
Anticancer agents recently developed in People's Republic of China, 07905
Anticipated closure rates for proposed drill hole, Ross Ice Shelf, Antarctica, 01104
Antidotes and their mechanisms of action in organism, 08651
Antifriction balls and ball bearings, including ball bearings with integral shafts, and parts thereof, 07069
Antifriction bearings, excluding ball bearings with integral shafts, and parts thereof, Green Ball Bearing Co., Cleveland, Ohio., 08246
Antitrust and monopoly activities, 03236
Ants in home and garden, how to control them, 05940
Aperture excited dielectric antennas, 11121
APHIS series, 05984-5, 07163
Apollo experience report, 01410-2, 03611-3, 04628, 04632, 06897, 08077, 08079, 08740-1, 10247, 11148-50
Apollo mission 16 lunar photography index maps, 00539
Apollo 17 preliminary scince report, 09485
Apollo spacecraft, chronology, 06850
Appalachian experiment, 10509
Appalachian National Scenic Trail, 01486
Apparel survey, 00060
Apparent extent of recovery of reefs of Australia's Great Barrier Reef devastated by crown-of-thorns starfish, 08834
Apparent 7-day period in visibility data at White Sands Missile Range, N. Mex., 04825
Appendices for space applications program, 11082
Applicability of residential energy consumption analyses to various geographic areas, 10977
Application of boundary integral method to elastic analysis of V-notched beams, 04626
Application of boundary integral method to elastoplastic analysis of V-notched beams, 10254
Application of dynamic programming to capital investment decision analysis, 10022
Application of electrical energy to culvert icing problems, laboratory study, 09982
Application of Fair labor standards act in Puerto Rico, 10691
Application of general schedule pay and position classification provisions to Selective Service System employees, 02982
Application of holography as real-time 3-dimensional motion picture camera, 03617
Application of interdisciplinary rotary-wing aircraft analysis to prediction of helicopter maneuver loads, 10514
Application of J integral to crack initiation in 2024-T 351 aluminum alloy, 10362
Application of linear programming technique to nonlinear minimax problems, 06860
Application of minicomputer channel control problem, 03727
Application of modern technologies to international development, 01650
Application of non-ideal sliding to short two-port measurement, 06917
Application of remote sensors to Army facility management, 07717
Application of repro-modeling to analysis of photochemical air pollution model, 10830
Applications and/or amendments thereto filed with Civil Aeronautics Board, 01651

Applications and reports received or acted on, announcement by Board of Governors of Federal Reserve System, 01652
Applications of reverse osmosis to acid mine drainage treatment, 07768, 09283
Applications of waveguide and circuit theory to development of accurate microwave measurement methods and standards, 03634
Applicator for granular systemic insecticides in cottonwood nurseries and plantations, 05396
Appraisal of neturalization processes to treat coal mine drainage, 07766
Appraisal of potential water salvage in Lake McMillan delta area, Eddy County, N. Mex., 01252
Appraisal of water resources of Charlotte County, Fla., 05416
Appraisal of water resources of eastern Palm Beach County, Fla., 04459
Apprentice training, sure way to skilled craft, 11035
Approach of 2 bodies separated by perfectly elastic particle, 08180
Approach to priorities, 11188
Approach, naval aviation safety review, 01653
Approximate theory of photometric integrating sphere, 08758
Aquatic organisms from selected sites along proposed trans-Alaska pipeline corridor, 09344
Aquifers in Sokoto basin, northwestern Nigeria, with description of general hydrogeology of region, 08618, 10090
Architectural guidelines to promote efficient energy use, 05083
Architectural processing and inspections for home mortgage insurance, 07884
Arctic terrain characteristics data bank, 07679
Arctic winter games authorization, 00140, 03045
Area handbook for Afghanistan, 00741
Area handbook for Bolivia, 11300
Area handbook for Chile, 11301
Area handbook for Haiti, 06004
Area handbook for Hungary, 04863
Area handbook for Ivory Coast, 04862
Area handbook for Nepal, Bhutan, and Sikkim, 04861
Area handbook for Yugoslavia, 06003
Area Health Education Centers, 06711
Area trends in employment and unemployment, 01654
Area trends, supplement to FHA trends, sec.203, Home mortgages insured by FHA, proposed homes, 06612-4
Area wage survey, 00519-25, 01352-9, 03537-8, 06797-8, 06800-1, 07941-8, 10163, 11026-8, 11580
Areal snow cover observations in central Rockies, Colorado, 08586
Areas eligible for flood insurance, 07875
Arkansas forest industries, 1971, 00420
Arkansas River and tributaries, above John Martin Dam, Colo., 06213, 06487
Arkansas River floods in Little Rock, Ark., 07671
Armed Forces Federal income tax for 1973 income tax returns, 06792
Armed Forces Institute, bulletin, 04328
Armed services paper, 00122, 03104-5, 05053-4, 06274-9, 08382-5, 09052-6, 09817-22, 10686-9, 11393-6
Armed services procurement regulations, 01620, 01655
Arms control & disarmament, 01656
Arms control and disarmament act amendments, 09828
Army airfield and heliport rigid and overlay pavement design, 03916
Army aviation digest, 02715
Army aviation RDT&E plan, 02839
Army Cold Regions Research and Engineering Laboratory, Research Division quarterly progress report, 01657
Army Department pamphlet, 00738-42, 03908-10, 04855-65, 05996-6005, 07168-71, 08289, 09681, 10510, 11300-1
Army Emergency Relief educational loan program, 03910
Army Engineer Division, North pacific technical report, 02715
Army helicopter hydraulic system reliability and maintainability investigation, 07185, 08893
Army lawyer, 01658
Army logistician, 01659
Army Mobility Equipment Research & Development Center press releases, 02473
Army research and development, 01660
Army Reserve magazine, 01661
Arranging transportation for small shipments, shipper rights, remedies and alternatives, 03486
Arrival-time estimation by adaptive thresholding, 07002
Arrowhead, 01662
ARS series, 00005, 02802-8, 03837-8, 05916-23, 07101, 08272-4, 09662, 10491
Art of Pacific Northwest, 08764
Artificial diets for mass rearing corn earworm (Heliothis zea), 02821
Artificial kidney, bibliography, 01663
Artifical plastic Christmas trees, garlands, and wreaths, Standard Cellulose and Novelty Co., Inc., 00700
Artificial recharge in Waterman Canyon-East Twin Creek area San Bernardino County, Calif., 11535
Artificial-recharge experiments and operations on the southern high plains of Texas and New Mexico, 03416
Artifical sea slicks, 09577
Arts orientalis, arts of Islam and the East, 01244
ASCS background information BI series, 00714, 03840-1, 07103-4
ASRDI oxygen technology survey, 08716, 09486, 11095
Assessment and analysis of energy emergency, 10773
Assessment of airfoil design by numerical optimization, 11658
Assessment of environmental radioactivity in vicinity of Shippingport Atomic Power Station, 07011
Assessment of impact of air quality requirements on coal in 1975, 1977, and 1980, 10179
Assessment of occlussion of teeth of children, 6-11 years, United States, 09529
Assessment of potential radiological health effects from radon in natural gas, 08188
Assessment of solar energy as national energy resource, 05714
Assessment of U.S. petroleum supply withvarying drilling efforts, 09458
Assessment, sales price ratios and tax rates, 08904
Assessments completed and referrals to manpower agencies, under work incentive program for AFDC recipients, 01664
Assets and liabilities of all member banks by districts, 01665
Assets and liabilities, commercial and mutual savings banks, 01199, 05353

Assignment...AG, Adjutant General's Corps, 04830
Assignments and related documents, 03251
Assistant Secretary for Indian Affairs, 06345
Associate degrees and other formal awards below baccalaureate, 00294
Associate training programs in medical and biological sciences at National Institutes of Health, 05685
Assuring information to Congress, 11413
Asthma, 05686
Astronomical papers prepared for use of American ephemeris and nautical almanac, 08164
Astronomical phenomena, 05722
ASVT-M control computer complexes and future of their development, 10989
At one time ratio of male to female deaths from lung cancer was nearly 7-1, 08956
Ataturk and Turkey, bibliography, 10166
ATC concepts for V/STOL vehicles, 11790
Atlantic Continental Shelf and slope of United States, sediment texture of northeastern part, 06701
Atlantic Continental Shelf and slope of United States, texture of surface sediments from New Jersey to southern Florida, 07860
Atlas of RF mouse pathology, disease descriptions and incidences, 06056
Atlas of volcanic ash, 10408
Atmosphere of Titan, 10214
Atmospheric effects on remote sensing of nonuniform temperature sources, 11094
Atmospheric emissions from asphalt industry, 06562
Atmospheric emissions from petroleum refining industry, 03320
Atmospheric emissions from pulp and paper manufacturing industry, 06537
Atmospheric water resources program, Project Skywater, 1072 annual report 09600
Atoll research bulletin, 08835
Atomic absorption methods of oilfield brines, 10197
Atomic energy, 07056, 10442
Atomic Energy Commission, 00121
Atomic Energy Commission, 1973 annual report to Congress, 09136-7
Atomic Energy Commission research and development laboratories, national resource, 06057
Atomic Energy Commission rules and regulations, 01666
Atomic energy, amendment to statute of International Atomic Energy Agency, 00681
Atomic energy programs, 08309, 08900
Atomic energy, scientific and technical cooperation for peaceful uses, 00674
Attainable goal in airline safety, 08805
Attitudes of airmen toward weighted airman promotion system, 02824
Audit guide and standards for revenue sharing recipients, 05884
Audit of Federal Crop Insurance Corporation, Dept. of Agriculture, 07370
Audit of financial statements of Saint Lawrence Seaway Development Corporation, 11533
Audit of payments from special bank account to Lockheed Aircraft Coporation for C-5A program, 02543, 10074
Audit of returns, appeal rights, and claims for refund, 04506
Audit of Rural Telephone Bank, Department of Agriculture, 09336
Auditors, agents for good government, 03404
Auger-electron spectroscopy analysis of fracture surfaces of irradiated pressure-vessel steels, 10360
Auger electron spectroscopy study of initial stages of oxidation in copper-19.6-atomic-percent-aluminum alloy, 06885
Auld Lang Syne Group, of late Triassic and Jurassic (?) age, north-central Nevada, 06698
Aural detection performance over 129 minute simulated sonar watch, 06827
Auroral bremsstrahlung at balloon altitudes, 01398
Austenitic stainless steel creep deformation under complex stresses, 07206
Authorization for Cabinet Committee on Opportunities for Spanish-Speaking People, 04056
Authorization for reprinting additional copies for use of Committee on Judiciary of committee print entitled procedures for handling impeachment inquiry, 10667-9
Authorization for staff support in White House office and for executive duties of Vice President, 10711
Authorization of certain programs and activities of government of District of Columbia, 04091
Authorize appropriations for United States Information agency, 04154
Authorize disposal of aluminum from national stockpile, 00996
Authorize disposition of office equipment and furnishings, 03056
Authorized construction, Washington, D.C. area, 01800
Authorizing additional appropriations to carry out Peace Corps act, 10633
Authorizing additional expenditures by Committee on Aeronautical and Space Sciences for inquiries and investigations, 09152
Authorizing additional expenditures by Committee on Appropriations for routine purposes, 10746
Authorizing additional expenditures by Committee on Foreign Relations for study of matters pertaining to foreign policy of United States, 09154
Authorizing additional expenditures by Committee on Interior and Insular Affairs for routine purposes, 03198
Authorizing additional expenditures by Committee on Labor and Public Welfare for inquiries and investigations, 09153
Authorizing additional expenditures by Committee on Rules and Administration for inquiries and investigations, 08454
Authorizing additional funds for Trust Territory of Pacific Islands, 04211
Authorizing allotments from pay of members of National Guard for group life insurance premimums, 09893
Authorizing and directing Secretary of Agriculture to convey any interest held by United States in certain property in Jasper County, Ga., to Jasper County Board of Education, 09787
Authorizing appropriations for additional costs of land acquisition for national park system, 06332
Authorizing appropriations for Atomic Energy Commission for fiscal year 1975, 09779
Authorizing appropriations for carrying out provisions of international economic policy act of 1972, 09895, 11387
Authorizing appropriations for fiscal year 1975 for military procurement, research and

development, and active duty, selected reserve and civilian personnel strengths and for other purposes, 09174
Authorizing appropriations for saline water program for fiscal year 1975, and for other purposes, 11386
Authorizing appropriations to National Aeronautics and Space Administration, 07384
Authorizing appropriations to National Science Foundation, 08369
Authorizing appropriations, fiscal year 1974, for military procurement, research and development, active-duty and reserve strength, military training student loads, 04059, 04174
Authorizing certain printing for Committee on Veterans' Affairs, 03089
Authorizing construction, operation, and maintenance of certain works in Colorado River basin to control salinity of water delivered to users in United States and Mexico, 10666
Authorizing conveyance of certain lands to New Mexico State University, Las Cruces, N.Mex., 09788
Authorizing delegates in Congress from Guam and Virgin Islands to make nominations to service academies, 03022, 03226
Authorizing disposal of aluminum from national stockpile, 04079
Authorizing disposal of molybdenum from national stockpile, 01003, 09757
Authorizing disposal of opium from national stockpile, 09028
Authorizing disposal of silicon carbide from national stockpile, 00997
Authorizing disposal of zinc from national stockpile, 03184
Authorizing District of Columbia Council to regulate and stabilize rents in District of Columbia, 00989
Authorizing expenditure of certain existing funds of Committee on Rules and Administration for inquiry and investigation relating to nomination of Gerald R. Ford as Vice-President, 03209
Authorizing expenditure of certain funds for expenses of Committee on Internal Security, 10629
Authorizing markers in Statutory Hall for location of desks of nine former Members of Congress who became President, 06231
Authorizing national ocean policy study, 10731
Authorizing President to proclaim period of Sept.15-Oct.15, 1973 as Johnny Horizon '76 clean up America month, 02936
Authorizing printing of additional copies of committee print entitled Federal mine safety and health amendments of 1973 (S. 2117), 09159
Authorizing printing of additional copies of committee print entitled National workers' compensation standards act of 1973, 11418
Authorizing printing of additional copies of hearings and final report of Senate Select Committee on Presidential Campaign Activities, Report from Committee on rules and Administration to accompany S. Con. Res. 86, 09171
Authorizing printing of additional copies of House hearings entitled Foreign policy implications of energy crisis, 09160
Authorizing printing of additional copies of House hearings entitled, U.S. interests in and policy toward Persian Gulf, 03199
Authorizing printing of additional copies of joint committee print, Soviet economic prospects for the seventies, 03042, 09145
Authorizing printing of additional copies of report of Commission on Bankruptcy Laws of United States for use of Senate Committee on Judiciary, 03238
Authorizing printing of additional copies of report of Senate Special Committee on Termination of National Emergency, 03092, 03177
Authorizing printing of additional copies of Senate hearings entitled Surgeon General's report by Scientific Advisory Committee on Television and Social Behavior, 10671
Authorizing printing of additional copies of Senate hearings on Child abuse prevention act 1973, 10725
Authorizing printing of additional copies of Senate hearings on illegal, improper, or unethical activities during presidential election of 1972, 04046
Authorizing printing of booklet entitled Supreme Court of Unitd States as house document, 09146
Authorizing printing of compilation entiled disclosure of corporate ownership as Senate document, 11419
Authorizing printing of compilation entitled Selected materials on twenty-fifth amendment as Senate document, 03202
Authorizing printing of congressional eulogies and other tributes to late J. Edgar Hoover as Senate document, 08453
Authorizing printing of Constitution of United States as House document, 03203
Authorizing printing of corrected report of Commission on Bankruptcy laws of United States, 03200
Authorizing printing of History and accomplishments of Permanent Select Committee on Small Business of House of Representatives as House document, 03204
Authorizing printing of House committee print entitled Impeachment selected materials as House document, 08451
Authorizing printing of prayers of Chaplain of Senate during 92d Congress as Senate document, 03093, 03178
Authorizing printing of proceedings unveiling portrait of late Philip J. Philbin, 03088
Authorizing printing of report entitled Cost of clean air as Senate document, 04173
Authorizing printing of report of proceedings of 46th biennial meeting of Convention of American Instructors of Deaf, 03208
Authorizing printing of summaries of veterans' legislation reported in House and Senate during present session, 10727
Authorizing printing of summaries of veterans' legislation reported in House and Senate during 93d Congress, 10670
Authorizing printing of veterans' benefits calculator, 10630
Authorizing printing of 75th annual report of National Society of Daughters of American Revolution as Senate document, 11420
Authorizing production from naval petroleum reserve numbered 1, 06349
Authorizing release of copper from national stockpile and supplemental stockpile, 10608
Authorizing Secretary of Interior to enter into agreements with non-Federal agencies for replacement of existing American Falls Dam, Minidoka project, Idaho, 06248
Authorizing Secretary of Interior to purchase property located within San Carlos Mineral Strip, 02991

Authorizing Secretary of Interior to sell certain mineral rights in certain lands located in Utah to record owner thereof, 09886
Authorizing Secretary of Interior to sell certain rights in State of Florida, 10614-5
Authorizing Secretary of Interior to sell reserved mineral interests of United States in certain land in Missouri to Grace F. Sisler, 10745
Authorizing Secretary of Transportation to release restrictions on use of certain property conveyed to City of Algona, Iowa, for airport purposes, 03165
Authorizing securing of storage space for Senate, House of Representatives and Office of Architect of Capitol, 03176
Authorizing Sisseton and Wahpeton Sioux Tribe of Lake Traverse Reservation to consolidate its landholdings in North Dakota and South Dakota, 11427
Authorizing supplemental expenditures by Committee on Commerce for inquiries and investigations, 10724
Authorizing supplemental expenditures by Committee on Government Operations for inquiries and investigations by Permanent Subcommittee on Investigations, 11417
Authorizing supplemental expenditures by Committee on Judiciary for inquiry and investigation relating to patents, trademarks, and copyrights, 03142
Authorizing supplemental expenditures by Committee on Veterans' Affairs for inquiries and investigations, 03201
Authorizing supplemental expenditures by Select Committee on Nutrition and Human Needs for inquiries and investigations, 08458
Authorizing supplemental expenditures by Select Committee on Presidential Campaign Activities for inquiries and investigations, 10747
Authorizing supplemental expenditures by Special Committee on Aging for inquiries and investigations, 10726
Authorizing the Speaker to entertain motions to suspend rules, 09029
Authorizing travel expenses for certain crewmembers whose ships are being inactivated away from home port, 03050, 03228
Authorizing use of health maintenance organizations as alternative to CHAMPUS program, 03037
Authorizing voluntary assignment of certain reserve members who are entitled to retired or retainer pay in ready reserve , 03055
Autism, 4th annual meeting of National Society for Autistic Children, 05678
Automated radar terminal system (ARTS) II, 03331
Automatic data processing system and procedures computerized academic counseling system, 02828
Automatic flight control devices on first Soviet rockets, 06791
Automatic gas detectors, 07908
Automatic interaction detector-version 4 (AID)-4, reference manual, 07142
Automatic two-coordinate system for checking position of target by light beam, 09395
Automobile emission standards, 08448
Automobile exhaust emission surveillance, summary, 00026
Automobile installment credit developments, 01667
Automobile loans by major finance companies, 01668
Automotive gas turbine economic analysis, investment cast turbine wheel supplement, 08542
Automotive gas turbine optimum configuration study, 03881
Automotive research and development and fuel economy, 06379
Automotive springs, clutch discs, and rear deck lid torsion bars, former workers of Easton Corp. Plant, Detroit, Mich., 08247
Auxiliary programmable governor for pump start, 03729
Availability and use of local currencies in U.S. foreign aid program, 09067
Availability of ground water for public-water supply in central and southern Escambia County, Fla., 00429
Average daily variations in magnetic field as observed by ATS-5, 10242
Average monthly weather outlook, 01669
Average premiums and discounts for CCC settlement purposes for offers received, 01670
Average retail prices of selected commodities and services, fall 1971, 05554
Aviation, 05833
Aviation boatswain's mate H 3 & 2, 05724
Aviation fire control technician 1 & C, 07006
Aviation forecasts, 1972-83 fiscal years, 11495
Aviation structural mechanic, 10365
Aviation turbine fuels, 1973, 10187
Awards of National Lime Association safety competition of 1971, 06830
Awards register, grants assistance programs, 08543

B

Background material on Fair labor standards act amendments, 00232
Background material relating to professional standards review organizations, 09203
Background materials relating to railroad retirement, 00233
Background notes, 00658-63, 01564-6, 01671, 03760-6, 04741-6, 05815-6, 07043, 08227-32, 08851, 09617, 11245-9, 11774-5
Backscattering from two-scale rough surface with application to radar sea return, 03591
Bacterias,las celulas mas pequenas, 08770
Bacteriological investigations of upper South Platte River basin, 10868
Bacteriological survey of Cache La Poudre River near Greeley, Colo., 10867
Bailey bridge, 04866
Baker's dozen abstracts of 13 doctoral dissertations completed under Manpower Administration research grants, 03550
Balance of payments adjustment, 03359
Balance sheet of farming vector, 02810
Bald cypress, American wood, 00392
Ball motion and sliding friction in arched outer-race ball bearing, 08060
Ballistic mode mercury orbiter mission opportunity handbook, 00546
Bank capital adequacy, time to pause and reflect (remarks), 03360
Bank debits, deposits, and deposit turnover, 01672
Bank rates on short-term business loans, 01673
Banned toy list supplement, 07820
Banned toys, 05385
Barbiturate abuse in United States, 05166
Barge mixing rule legislation of 1973, 07474
Barometer of control, 06790
Barrel vault 96 meters long check tested against design, 09419

Barriers in synergized-pyrethrins-treated paper bags to prevent migration of piperonyl butoxide into cornmeal, flour, and CSM, 04795
Barriers to health care for older Americans, 04180, 05105-6, 06354-5
Barriers to innovation in industry, 10336
Base closures or realinement program, 04187-9
Base flow in Acme-Artesia reach of Pecos River, N. Mex., 04460
Basic data on economy of Brazil, 06461
Basic data on economy of France, 01079
Basic data summary of snow survey and soil moisture measurements for Western United States, 04735
Basic economic indicators, 01472-4
Basic education rights for handicapped, 06478
Basic estimated capital investment and operating costs for underground bituminous coal mines, 05579
Basic facts about military service, 07632
Basic facts on health industry, 05093
Basic flight manual and ATC procedures, 01632
Basic health care, instructor's teaching guide, 11804
Basic helicopter handbook, 03381
Basic management methods and skills, 10551
Basic personnel records and files system, 11334
Basic problems of Antartica exploitation, 08655
Basic problems of liquid-fueled rocket engines, 01323
Basic propositions for system of automating zone telephone networks, 07930
Basis charts for southern lumber and plywood hedges, 00405
Batch disinfection of treated wastewater with chlorine at less than 1°C, 04364
Batteries used with law enforcement communications equipment, chargers and charging techniques, 05547
Battle act report 1973, 11250
Bauxite, 05590
BDC official texts, 01675
Be a winner knock out bacteria (poster), 00388
Be an energy miser in your home, 05444
BEA quarterly model as forecasting instrument, 01081
Becoming a citizen series, 01296
Beef cattle industries of Central America and Panama, 03385
Beef cattle production potential of set-aside land, 05281
Beef feedlot waste management, 06551
Behavior & society, weekly Government abstracts, 02761
Behavior modification programs, Federal Bureau of Prisons, 08419
Behavior of hydrogen in alpha-iron lower temperatures, 06895
Behavior of Rapsodie reactor fuel elements in 1971-72, 09692
Behavioral effects of Nitrogen narcosis in rhesus monkey, 06828
Beneficial use of cavitation bubbles, 04546
Benefit of water pollution on property values, 04383
Benefit series services, unemployment insurance report, 01676
Benjamin Franklin, register and index of his papers in Library of Congress, 00531
Benthic survey of Flat Creek and Salt River near Thayne, Wyo., 10871
Benvenuti a Washington, 03673
Best bets for returning veterans in Washington, D.C. area, 01677
Best opportunities for Federal employment, 01678
Better lawns, establishment, maintenance, renovation, lawn problems, grasses, 07114
Better use should be made of physicians and dentists in health centers, 09337
Beyond brushfires, adaptation, 06538
BI series, 00714, 03840-1, 07103-4
Bibliography of catalogs, lists, faunal and other papers on butterflies of North America north of Mexico arranged by State and province (Lepidoptera: Rhopalocera), 11760
Bibliography of drug abuse literature, 11688
Bibliography of history of medicine, 10306
Bibliography of ion-molecule reaction rate data, 04637
Bibliography of medical reviews, 08780
Bibliography of medical uses of technetium-99m, 1965-71, 04885
Bibliography of NBS publications Jan. 1906-Jan. 1973, 10268
Bibliography of North American geology, 05420
Bibliography of productivity and technological innovation publications, 06455
Bibliography of R&D research reports, 10001
Bibliography of theoretical population genetics, 04886
Bibliography on atomic line shapes and shifts, 06910
Bibliography on atomic transition probabilities, 05648
Bibliography on cold regions science and technology, 01106
Bibliography on nuclear medicine, 04887
Bibliography on seed-eating mammals and birds that affect forest regeneration, 08225
Bibliography on winter construction, 10812
Bicycle coaster brakes, workers and former workers of Bendix Corp., Motor components Division, Elmira, N.Y., Tariff Commission report, 07070
Bienvenidos a Washington, 03674
Bienvenue a Washington, 03675
Big Bend National Park, Tex., 05713, 06236, 09173, 10330
Big eddies and mixing processes in Great Lakes, 05318
Big Thicket National Park, 10772
Big Thicket National Preserve, Tex., 06236
Bilingual education, health, and manpower programs, 07552
Bills providing benefits for veterans of nations allied with United States in World Wars I and 2, 00167
Bimonthly list of publications and visuals, 01679
Bio-assay investigations for International Joint Commission, 10376
Biographical Sketch of Rogers C. B. Morton, 39th Secretary of Interior, 05469
Biological hazards from exposure to ELF electrical fields and potentials, 05731
Biological investigations of Lake Wingra, 01153
Biological investigations of Tuttle Creek Reservoir, Kans., 09316
Biological models of freshwater communities, 01150
Biological survey of Pinkham Creek and North Platte River in vicinity of Cowdrey, Colo., 10870
Biology-chemistry program for International Field Year for Great Lakes, 07724
Biomedical technology & engineering, weekly Government abstracts, 02762
Biomedicine, compilation, 01399

Bird damage to sprouting corn in United States, 07042
Birds imported into the U.S. in 1971, 05813
Birds of Muleshoe National Wildlife Refuge, 05807
Birth expectations of American wives, 02876
Bison of Yellowstone National Park, 05711
Black lung benefits eligibility (oversight), 04092
Black lung benefits program, 11400
Black news digest, 01682
Black powder (S.1083), 00228
Black walnut as crop, black walnut symposium, 00395
Black walnut growth better on deep, well-drained bottomland soils, 04436
Blacksburg, Va., research center, 07518
Blast noise standards and instrumentation, 11645
Bleeder system in virgin area in Pittsburgh coalbed mine, 03572
Block statistics, 04906
Blood pressure levels of children 6-11 years, 06931
BLS pilot survey of training in industry, 09440
BLS report, 04566
Blue crab, 01474
Blueprint for action, 10495
Board for International broadcasting act of 1973, 03004
Body weight, stature, and sitting height, white and Negro youths 12-17 years, United States, 03652
Boiling water reactor, full length emergency core cooling heat transfer (BWR-FLECHT) tests project final report on atmospheric pressure stainless steel experiments, 07212
Bombing in Cambodia, 09188
BOMEX Period III upper ocean soundings, 04388
Bond sales for public school purposes, 07660
Bonneville Power Administration, generation and sales statistics, 03929
Books about cities, 1971-73 selective supplement to Books about cities, 1970., 05445
Books on open-reel tape, list, 00532
Books, copyrights, and Customs, 05190
Boone Reservoir fish kill, 10058
Boston National Historical Park, Mass., 06336
Bottle test, 07723
Bottled water study, pilot survey of water9 bottlers and bottled water, 01147
Botulism in United States, 09584
Boundary-integral methods in elasticity and plasticity, 06879
Boundary-layer analysis of subsonic inlet diffuser geometries for engine nacelles, 08732
Brakes and brake components, 04305
Brakes, comparison of braking performance for 1974 passenger cars and motorcycles, 06942
Brand names identical to products purchased and tested for use by Federal Government, 07812
Brazil, colored map, 06101
Breast self examination, 09526
Breeding quality cotton at Pee Dee Experiment Station, Florence, S.C., 08273
Bridges over navigable waters of United States, 00803
Brief legislative history of Food, drug, and cosmetic act, 10704
Brief report on status of long-life cardiac pacemaker development, 06936
Brief summary of provisions of H.R. 12481, bill to amend internal revenue code to provide pension reform, 09861
Briefing by Archivist of United States, 04136
Briefing by Postmaster General, 00154
Briefing on energy situation, 06310
Broadcast actions, 01953
Broadcast applications, 01953
Broadcast license renewal, 04119-20
Broadcast license renewal act, 08366
Brown rust in wheat, 07910
Browns Ferry Nuclear Station, units 1,2, and 3, Tennessee Valley Authority, 06040
Brucellosis surveillance, annual summary, 11331
Budget amendments, 1974, Department of Commerce, 00959
Budget and impoundment control act, 04072
Budget control act of 1973, 06307
Budget 1975, advance look, 06202
Budget of the United States, 05028, 05565
Budget of the United States, appendix, 05029, 05566
Budget scorekeeping report, 00178, 00956, 05094
Builder, 1 and C, 09578
Building a pond, 04778
Building performance in 1972 Managua earthquake, 03648
Building science series, 03628, 06903, 11677
Building technology, weekly Government abstracts, 02763
Bulk carriers in world fleet, 08689
Bulletin and summary of research progress, 05293
Bulletin index-digest system, 01683-7, 03442-3, 04507, 06734-6, 10134-6
Bulletin of information, Coast Guard Academy, New London, Conn., 07317
Bunker fuels, 02697
Buoyant tornado-probe concept incorporating inverted lifting device, 04621
Bureau of Census catalog, 01688
Bureau of Census catalog, monthly supplement, 01689
Bureau of Census guide to programs and publications, subjects and areas, 11315
Bureau of Mines direct-reading azimuth protractor; , 07974
Bureau of Naval Personnel manual, 00600, 01690, 06998, 10355
Bureau of Outdoor Recreation focal point for outdoor America, 10367
Burning of solids in oxygen-rich environments in normal and reduced gravity, 10228
Burrowing sponges of Bermuda, 11762
Business & economics, weekly Government abstracts, 02764
Business conditions digest, 01691
Business income tax returns, 03456
Business indexes, 01692
Business outlook for nation in 1974, 04969
Business service checklist, 01693
Business statistics, weekly supplement to Survey of current business, 01694
Butter, butter substitutes containing butterfat and butter oil, 08248
Buying a car overseas?, 09992
Buying lots from developers, 06714

C

Cabinet Committee on Opportunities for Spanish Speaking People news releases, 02452
Cable television certificate of compliance actions, 01953
Cable television relay service (CAR) applications, 01953
Cable television service applications, 01953
Cable television, handbook for decision making, 11697

Cable television, summary and overview for local decisionmaking, 08151
Cable TV actions, 01953
Cable, report to President, Cabinet Committee on Cable Communications, 11215
Cables, wiring and cords, terms and definitions, 05512
Cabrillo National Monument, California, 01487
Cairo, Ill., racism at floodtide, 04947
Calcium pantothenate from Japan, 05863
Calculation and analysis of aircraft motion, 06898
Calculation of longitudinal aerodynamic characteristics of STOL aircraft with externally-blown jet-augmented flaps, 08031
Calculation of supersonic stream parameters of real gas from measurable quantities using FORTRAN IV routines, 10256
Calendar of business, 02227
Calendar of Smithsonian Institution, 01697
California cooperative soil surveys, what they can do for you, 08217
California landings, 01698
CAMAC serial system organization, description, 09703
Campaign practices, 05180, 11399
Campers, stop hitchhiking gypsy moths, 00016
Camping in national park system, 10331
Canadian automobile agreement, 06381
Cancer centers program, 01429
Cancer chemotherapy reports, 01699-701
Candidate missions for space shuttle, 06353
Candidates and priorities for technology assessments, 11188, 11698
Canned fishery products, 08781
Canned fishery products, 1973 annual summary, 11180
Canned food, stocks, pack, shipments, 01835
Canyon de Chelly, story of its ruins and people, 05705
Capacities of electroreceptor system of Black Sea rays to perceive magnetic field, 09412
Capacity of refrigerated warehouses in U.S., 10444
Capacity utilization for major materials, revised measures, 10914
Capacity utilization in major materials industries, 01220
Capacity utilization in manufacturing, 01702
Cape Cod National Seashore, Mass., 10332
Cape Henry to Key West, coast pilot, 01476
Capital and operating costs of pollution control equipment modules, 01188-9
Capital Yacht Club borrowing, 06287
Capitol, pictorial history, 09740
Carbon and biosphere, 07224
Carbonate bonding taconite tailings, 07769
Carcinogenesis abstracts, 01704
Care and maintenance of common household and office plants, home gardener's handbook, 05707
Care-type housing, 06727
Career area rotation model, user's manual, 05973
Career development for law enforcement, 00513
Career education track record to date, 07661
Career education, implications for minorities, 01087
Career field profiles, selected professional and administrative career fields, 07092
Career profiles in forestry, conservation, ecology, environmental management, 04428
Careers for homebound, home study opportunities, 11216
Caribbean Atlantic geotraverse, 10325
Caring for children series, 02889, 07299-302
CARPOL, approach to large-scale carpooling using DIME technology, 08936
Case studies of Emergency employment act in operation, 09228
Case study of Hawaii Public employment relations act, 05411
Cases and materials on prison inmate legal assistance, 07939
Cases decided in United States Court of Claims, 01060, 04263
Cases decided in United States Court of Customs and Patent Appeals, 05194, 06411, 11440
Cash benefits for short-term sickness, 1972, 08209
Castillo de San Marcos National Monument, Fla., 05708
Casual footwear and slippers for men, Capital Footwear Corp., Worcester, Mass., 11261
Casualty data reduction processor program, 05741
Catalog of aeronautical charts and related publications, 00585, 08782
Catalog of copyright entries, 00247, 01056
Catalog of Federal domestic assistance, 01705, 08688
Catalog of guides to outdoor recreation areas and facilities, 01532
Catalog of meteorological satellite data, 00323, 01146, 03319, 07719-21
Cataloging manual M series, 00252, 05198, 07589-91, 08519
Cataloging service, 01706
Catalogue of Azerbaydzhan wheats, 11563
Catalyst for rural development, 01707
Catalytic activity of rare-earth oxides for oxidation of hydrogen, 05601
Catalytic decomposition of fire extinguishant bromochlorodifluoromethane, 08171
Catalytic oxidation of sulfur dioxide using isotopic tracers, 10834
Cattle on feed, 01708
Cattle sold for slaughter, selected markets, 01708
Cattle, hogs, sheep, goats, 06071
Cavernas de Carlsbad, el Parque Nacional de Nuevo Mexico, 04689
CCC monthly sales list, 01709
CCF and RF directory, 04390
CCPM pamphlet, 08819, 10377
CDC veterinary public health notes, 01710
Cellular-block-lined grade control structure, hydraulic model investigation, 00318
Cellulosic fiber insulating board, 08106
Census Bureau press releases, 02455
Census Bureau technical paper, 02883, 04938, 07285
Census Bureau working paper, 04940
Census county divisions, past and future, 04938
Census of agriculture, 02863, 04904-5, 06071, 06071, 07253-5, 09707, 10533-4, 11316
Census of construction industries 1972, publication program, 03933
Census of governments, 06072, 08904
Census of housing, 00048, 00758, 02864, 03934, 04906-7, 07256
Census of manufactures, 03935, 04908, 07257
Census of manufactures and mineral industries, 06078
Census of mineral industries, 03936
Census of persons under supervision of Federal probation system, 07097
Census of population, 00049-57, 00761-4, 02866-7, 03937-40, 04909-12, 06075-6, 07259, 08905, 09709

Census of population and housing, 00759-60, 02865, 06073,4, 07258, 09708
Census of selected service industries, 03942
Census of trade, 03941
Census of transportation, 00765, 04913-4, 10535
Census of U.S. civil aircraft, 00356
Census of wholesale trade, 03943
Census use study, 06077, 08936-7, 09710-11
Census users bulletin, 01712
Center for Building Technology, project summaries, 11165
Center for Disease Control Malaria surveillance, 00782
Center for Disease Control psittacosis annual summary, 00071
Central Intelligence Agency retirement act amendment and cost of living increases in pay and allowances for certain retired officers of Armed Forces, 03233
Central mechanism of action of electromagnetic fields, 03516
Central refrigeration system for proposed food distribution center in New Orleans, La., 02806
Central Valley project, 08824
Century of public school statistics, 04343
Ceramics reinforced with single crystals of millite, 07933
CERC bulletin and summary of research progress, 05293
Cereal rust nurseries in Caribbean area, 1950-72, 03837
Cerebrovascular bibliography, 01713
Certain cases in which Attorney General has suspended deportation, 03140
Certain ceramic tableware, 10457
Certain cotton, cotton waste, and cotton products, 10458
Certain results obtained from experimental nuclear explosions of internal effect in salt deposits, 08649
Certificates of airworthiness for imported aircraft, 00686
Certificates of competency, contracts for small plants, 08204
Certification and operations of scheduled air carriers with helicopters, 11499
Certification procedures for products and parts, 10887
Certification required to obtain reduced rates under income tax treaties, 04508
CH-47A design and operational flight loads study, 06015
CH-54A design and operational flight loads study, 07181
CH-54B main gearbox thermal mapping program, 07193
Challenge, action, change, community guide for youth development, 08271
Chalones, concepts and current researches, 00564
Change bulletin to GSA supply catalog, 02075
Change of mnemonic function in adults, 09416
Changes in bank lending practices, 10915
Changes in certain House procedures, 08365
Changes in Federal employees' health benefits program, 08215
Changes in late components of evoked potentials under normal conditions and in focal brain pathology as related to stimuli varying in significance, 07922
Changes in law recommended to enable GSA to be more effective in selling excess properties and acquiring public building sites, 07837
Changes in Social security benefits under Public law 93-233, 11766
Changes in State member banks, announcement by Board of Governors of Federal Reserve System, 01714
Changes in stratigraphic nomenclature by Geological Survey, 10940
Changes in time and savings deposits at commercial banks, 00378, 03361, 10946
Changing name of Patent Office, 03046
Channel erosion surveys along proposed TAPS route, Alaska, July 1971, 05425
Channeled scablands of eastern Washington, geologic story of Spokane flood, 00611
Characteristics and photochemical reactivity of emissions, 00344
Characteristics and pollution problems of irrigation return flow, 10822
Characteristics of agreements covering 1,000 workers or more , 03539
Characteristics of capacitor-type micrometeoroid flux detectors when impacted with simulated micrometeoroids, 06867
Characteristics of clients rehabilitated in fiscal years 1968-72, Federal-State vocational rehabilitation program, 07017
Characteristics of conditioned reflex and neurochemical mechanisms of negative-emotional type responses, 09413
Characteristics of Federal land bank loans, 10009
Characteristics of low-income population, 10543
Characteristics of new one-family homes, 00766
Characteristics of population, 00049-54, 00761-2, 02866, 03937, 04909-10, 06075-6, 07259
Characteristics of Spanish surname population by census tract, for SMSA's in New Mexico, 1970, 09709
Characteristics of State public assistance plans under Social security act, 00634
Characteristics of streamflow at gaging stations in Loup River basin, Nebraska, 10941
Characterization and schedule development for gold-ribbon hybrid-microcircuit crossovers, characterization and schedule development, 02846
Characterization of emissions from 1970-73 model vehicles, final report, 00029
Characterization of particulates and other nonregulated emissions from mobile sources and effects of exhaust emissions control devices on these emissions., 00027
Chartbook on prices, wages, and productivity, 01715
Chattooga River, 05096
Check list of birds of Tennessee Valley, 09643
Check list of summaries of plant quarantine import requirements of foreign countries., 00732
Checklist of reports issued by Economic Research Service and Statistical Reporting Service, 01716
Cheddar cheese, 08858
Chemical analysis of interstate carrier water supply systems, 05316
Chemical analysis of slickensides from coal mine roof shale, 11634
Chemical and spectrochemical analyses of selected ground water in Colorado, 04461
Chemical compostion of lunar surface in Lunokhod-2 work region, 06768
Chemical kinetics data survey, 06906, 10265
Chemical profile of Ross Ice Shelf at Little America V, Antarctica, 07675
Chemical properties and particle-size distribution of 39 surface-mine spoils in southern West Virginia, 06669
Chemical thermodynamic properties of hydrocarbons and related substances, 10180

Chemical treatment of oil spills, 09317
Chemical/physical and biological treatment of wool processing wastes, 07758
Chemical/physical and microbiological characteristics of typical bath and laundry waste waters, 08736
Chemicals fail to induce abscission of loblolly and slash pine cones, 00406
Chemistry of organomercurials in aquatic systems, 06543
Chemistry, weekly Government abstracts, 02765
Chernomor-2 Soviet-Bulgarian experiment, 11011
Cherries, 10445
Chickamauga Battlefield, Chickamauga and Chattanooga National Military Park, Ga.-Tenn., 04683
Chickens, eggs, and broilers, production, distribution, cash receipts and gross income, 09624
Child abuse prevention act, 09767
Child abuse prevention and treatment act, 06240
Child care and disabled dependent care, 04509
Child care arrangements of AFDC recipients under work incentive program, 01717
Child development in home, 07304
Child support and work bonus, 00209
Children of working mothers, 03540
Children on campus, survey of pre-kindergarten programs at institutions of higher education in United States, 03828
Children served by public welfare agencies and voluntary child welfare agencies and institutions, 03654
Children today, 01718
Children's books, 1973 list, 10167
Children's Bureau research and demonstration grants program, 08319
Children's edition of selected publications on environment, 01148
China, tableware, 04419
Cholesterol levels in submariners, 11040
Choosing the president, 05964
Choreographic works, 05192
Chromic acid, 08120
Chronic effects of mercury on organisms, 10151
Chronological schedule, air pollution training courses, 04355
Chronology of Libyan oil negotations, 07497
Cibolo Project, Tex., 00138
Circadian, endocrine, and metabolic effects of prolonged bedrest, two 56-day bedrest studies, 11107
Circuit implementation of Spearman rho rank detector for scanning radars, 11704
Circular footings on viscoelastic foundations, 01107
Circulation and dust content in Venusian atmosphere found from wind velocity measurements by Venera-8 automatic interplanetary station, 10990
Citizen action guide to energy conservation, 05757
Citizen participation in model cities program, 01287
Citizen participation in State government, 08152
Citrus fruits by states, 1971-73, production, use, value, 08239
City financial emergencies, intergovernmental dimension, 04770
City Government finances in 1971-72, 06093
Civil & sturctural engineering, weekly Government abstracts, 02766
Civil Aeronautics Board orders, 02408
Civil Aeronautics Board, oversight, 08411
Civil Aeronautics Board press releases, 02455
Civil Aeronautics Board reports, 04944, 11332
Civil aviation in Republic of Zaire, 11496
Civil aviation in USSR (50th anniversary of its formation), 10261
Civil defense, 07235
Civil preparedness exercise program guidance, 03254
Civil rights acts, 10707
Civil Rights Commission Clearinghouse publication, 04947, 07309, 08320
Civil rights digest, 01720
Civil Service Commission Pamphlets, 00075, 00798-9, 02891, 04954-6, 06113, 09715
Civil Service Commission today, 00799
Civil service journal, 01721
Civil service survivors benefits, 03154
Civilian travel and transportation, temporary duty travel, 07593
Claims, Army Department, 04856
Class action study, 09912
Classification, class A, general works, 05559
Classification, class K, subclass KD, law of United Kingdom and Ireland, 08685
Classification definitions, 07009
Classification numbers and indexes, 09356
Classification of freshwater wetlands in glaciated Northeast, 10436
Classification, standards of accuracy, and general specification of geodetic control surveys, 09549
Classified index of National Labor Relations Board decisions and related court decisions, 04673, 08139
Clean air act, overnight, 09086
Clean energy from coal technology, 04958
Clean water, report to Congress, 05317
Cleaning kitchen ranges, 03872
Cleaning metal furniture, 03870
Cleaning windows, mirrors, other glass, 03865
Cleaning wood furniture, 03866
Cleat in bituminous coalbeds, 11074
Climates of United States, 05314
Climatological data, 01722-68
Clinical Center, patient admission procedures, 04672
Clincial electives for nursing students at National Institutes of Health, 08135
Clinical laboratory procedure, hematology, 07155
Clinid fishes of Chile and Peru, with description of Myxodes ornatus, 09608
Close Timber Utilization Committee report, 04435
Closing of Public Health Service hospitals, 03167
CMG-induced LST dynamics, 11113
CMP instructions, specifications, and example, 01110
CMS series, 03738
CO effects on acid-base balance in air saturation dives, 03556
Co-op loans, 07464
Coal composition, coal plasticity, and coke strength, 04582
Coal policy issues, 05139, 09216
Coal Research Office press releases, 02453
Coal Research Office research and development reports, 00078-9, 04959-61, 06117-9, 07316
Coal technology, key to clean energy, 06116
Coal-mine fatalities, 01769
Coal-mine injuries and worktime, 01770
Coal, once and future king, 07725
Coal, Pennsylvania anthracite, 01370
Coast Guard boating safety circular, 08962
Coast Guard bulletin, 09716
Coast Guard engineer's digest, 01771
Coast Guard omnibus, 03003, 09894

Coast Guard reservist, 01772
Coastal Engineering Research Center miscellaneous paper, 07672
Coastal Engineering Research Center reprint series, 05294
Coastal Engineering Research Center technical memorandum, 05295, 06488, 09980
Coastal Plains Regional Commission press releases, 02454
Coastal pollution research highlights, 01773
Coastal upwelling indices, west coast of North America, 05704
Code of Federal regulations, 00372-7, 01213-8, 01776-7, 03347-57, 04414-5, 05366-8, 06623-30, 07804-10, 08568-74, 09306-11, 10036-40, 10042-5, 10911-3, 11513-27
Coder's manual, clerical procedures for creation of geographic base (DIME) file, 08947
Codes and means of calculation utilized to evaluate performance of fast fuel elements, 07207
Coding index for tumor scanning, 02855
Coding performance in 1970 census, 09708
Coils, former workers of Paris, Tenn., plant of Clippard Instrument, Inc., 10459
Cold Regions Research and Engineering Laboratory, Research Division quarterly progress report, 01657
Cold Regions Research and Engineering Laboratory, research reports, 01102, 05296-7, 07673-6, 09981
Cold Regions Research and Engineering Laboratory, special reports, 01103-5, 05299-304, 07677-8, 08537, 09270, 10810-2
Cold Regions Research and Engineering Laboratory, technical reports, 01106-7, 05298, 05305-6, 07679, 09269, 09982, 10813
Cold storage, 01780
Cold-air annular-cascade investigation of aerodynamic performance of cooled turbine vanes, 08747
Cold-air investigation of turbine for high-temperature-engine application, 11663
Cold-rolled stainless steel sheet and strip from France, 03787
Cold-weather flight tests of OH-58 helicopter equipped with elastomeric-bearing main rotor, 07188
Coliform bacteria growth and control in aerated stabilization basins, 07757
Collaboration in space conquest, 07913
Collaborative program on mercury between University of Baghdad, Iraq and Rochester NY, 10337
Collaborative research program between NBS and Indian scientific institutions, special foreign currency program, 06920
Collaborative study on cerebral palsy, mental retardation and other neurological and sensory disorders of infancy and childhood, 06961
Collected reprints, 06596-7
Collection and disposal of solid wste for Des Moines metropolitan area, 09291
Collection of airborne coal dust by steam, 08706
Collection process, income tax accounts, 10137
Collective bargaining agreements in Federal service, 06799
Collective bargaining in rubber industry, 05555
College faculty workshops, 08791
COLMIS, new solid waste management system, 07726
Color removal from Kraft mill effluents by ultrafiltration, 06565
Color vision deficiencies in youths 12-17 years of age, 10277
Colorado River basin, Colorado River basin above Green River, 00445
Colorado River salinity, 01580, 05830, 08235
Colorado wilderness areas, 04212
Colorado-Big Thompson Project, 04717
Colorimetry and spectrophotometry, 10268
Columbia River and tributaries, power installation, Libby Reregulating Dam, Kootenai River, Mont., 00958, 01108
Combined quadrupole-dipole model for inlet flow distortion noise from subsonic fan, 10258
Combined sewer overflow seminar papers, 10843
Combined statement of receipts, expenditures and balances of United States Government, 04767
Command and control, 1950-69, Vietnam studies, 08297
Commanders call support materials, 01781
Commanders digest, 01782, 07592
Commemorative stamp poster, 01783, 03815-21, 05891-8, 08875, 09647, 10478-82
Comments received from Federal, State, local and individual interests on Draft environmental impact statement for geothermal leasing program, 01309
Commerce business daily, 01784
Commerce Department press releases, 02455
Commerce science and technology, overview, 02892
Commerce today, 01785
Commercial and industrial loans outstanding by industry, 01786
Commercial blueberry growing, 04777
Commercial broilers, annual production and weekly placements, 10446
Commercial fertilizers, 01787
Commercial import detentions, 01788
Commercial pilot, airplane, 03382
Commercial prints and labels, 01056
Commercial steel forgings, 11323
Commission for neurophysiology and higher nervous activity, 11007
Commission on Population Growth and the American Future research report, 08816
Commissioner of patents annual report, 08182
Commitments of traders in commodity futures, 01789-90
Committee for Purchase of Products and Services of the Blind and Ohter Severely Handicapped digest, 01791
Committee on Aging inquiry and investigation, 06341
Committee on Government Operations, inquiry and investigations, 11414
Committee on Internal Security, annual report, 06258
Committee on Public Works, committee print, 00157
Committee organization in House, 00925, 04090, 05056
Committee publications and policies governing their distribution, 00113, 10593
Committee reform amendments of 1974, 07392-3
Commodity Credit Corporation, 07103
Commodity Credit Corporation charts providing graphic and tabular summary of financial and program data, 00813
Commodity distribution, food stamp, and special milk programs, 09902
Commodity exchange act, 02897
Commodity futures trading commission, 10677
Commodity Futures Trading Commission act of 1974, 08367
Commodity Office operations, 03841, 07104

564-800 O - 75 - 37

Commodity transportation survey, expansion project, 06079
Common agricultural policy of European Community, 06639
Common carrier actions, 01953
Common carrier services information, 01953
Common data set for hospital management, 04489
Communication cables, 03505
Communication Office list, 11337
Communications, 08683
Communications and control systems, 03722
Communications during Great Patriotic War, 11022
Communications equipment sales in Far East, 11336
Communications industry, 10779
Communist Party, USA, defender of Soviet Anti-Semitism, 08406
Community anticrime assistance act, 07431
Community crime prevention, 04593
Community development evaluation series, 01287, 03421, 05446
Community health medic of Indian Health Service, progress report, 10126
Community Health Services Bureau information series, 04976
Community mental health centers, oversight, 04123
Community planning for elderly, 07876
Community property and Federal income tax, 03444
Community schools, 09061
Community services act, 09794
Community services and minority business assistance, 07394
Community supervision and services act, 03172
Como HUD ayuda en terminos de relocalizacion, 05447
Como proteger su hogar contra los robos, 11547
Comparability study of armed services vocational aptitude battery scores from answer sheet and answer card administration, 09674
Comparacion de las cifras totales de poblacion de los censos realizados alrededor de 1970, 06096
Comparacion del HUD-FHA de las viviendas cooperativas y de condominio, 03422
Comparative analysis of existing trade laws with H.R.10710, Trade reform act, 07487
Comparative costs of erosion and sediment control, construction activities, 08266
Comparative data on sample of all-volunteer enlistees with 1970-72 Air Force accessions, 02831
Comparative immunology of oral cavity, 06952
Comparative study of antipsychotic action of some neuroleptics on model of LSD psychosis, 01346
Comparative transportation costs of supplying low-sulfur fuels to midwestern and eastern domestic energy markets, 06831
Comparison of acoustic performance of 5 muffler configurations on small helicopter, 10241
Comparison of alternative winter wheat objective yield unit sizes, 07063
Comparison of finite-difference schemes for analysis of shells of revolution, 05616
Comparison of isothermal and cyclic oxidation behavior of 25 commercial sheet alloys at 1150° C, 10249
Comparison of measured and calculated radiation exposure from boiling water reactor plume, 07232
Comparison of measured and calculated velocity profiles of laminar incompressible free jet at low Reynolds numbers, 10244
Comparison of NTAC, NAS, and proposed EPA numerical criteria for water quality, 11474
Comparison of oleoresin composition in declining and health loblolly pines, 00409
Comparison of results from two simulators used for studies of astronaut maneuvering units, 06872
Comparison of startle effects resulting from exposure to 2 levels of simulated sonic booms, 07251
Comparison of State unemployment insurance laws, 05889
Comparison of task difficulty ratings made by nurses and medical service corpsmen, 10502
Comparison of theoretical and experimental boundary-layer development in mixed-compression inlet, 08723
Comparison of various reagents proposed for use in Winkler-procedure for dissolved oxygen, 10384
Comparison of volunteer attitudes and career motivation among officer and airman personnel, 05971
Comparisons of major employee benefits programs, 00943
Compatibility of refractory materials for nuclear reactor poison control systems, 08045
Compendium of Copyright Office practices, 01792
Compensation based on linearized analysis of six-degree-of-freedom motion simulator, 05617
Compensation for unemployment related to energy crisis, 07488
Competition in energy industry, 07537
Competition in real estate and mortgage lending, 00229, 05151
Compilation and analysis of typical approach and landing data for simulator study of externally blown flap STOL aircraft, 11661
Compilation and evaluation of mechanical, thermal, and electrical properties of selected polymers, 03631
Compilation of air pollutant emission factors, 03878, 05960
Compilation of Federal laws relating to conservation and development of our Nation's fish, 00153
Compilation of House bills under consideration by House Subcommittee on Commerce and Finance in hearings on national no-fault motor vehicle insurance, 10705
Compilation of outgassing data for spacecraft materials, 01407
Complete clear text representation of scientific documents in machine-readable form, 08105
Complex effects of radiation for moving sources in plasma, 01344
Complex investigation of psychic states of man in individual and group activity, 01336
Complex permittivity measurements during high temperature recycling of space shuttle antenna window and dielectric heat shield materials, 01391
Complexiopollis pollen lineage in Mississippi Embayment rocks, 04474
Compliance with title 2 (auto emission standards) of Clean air act, 05184
Components of inventory change, 04907
Components of money stock measures and related items, 02306
Composite-material helicopter rotor hubs, 06012

Compositional variations of organic material from Green River oil shale, 07992
Compound-type separation and characterization studies for 370° to 535° distillate of Swan Hills (south field) Alberta, Canada, crude oil, 07993
Compounds of rare earth metals with cobalt as materials for permanent magnets, 05504
Comprehensive alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1974, 08360
Comprehensive data handling system (CDHS), emissions inventory subsystem users guide, 07134
Comprehensive defect data bank for no. 2 common oak lumber, 00414
Comprehensive employment and training act, 06169, 09144
Comprehensive employment and training act of 1973, fiscal activities guide, 11024
Comprehensive employment and training act of 1973, management information system guide, 11025
Comprehensive health planning as carried out by State and areawide agencies in three States, 10075
Comprehensive management of phosphorus water pollution, 10002
Comprehensive manpower act, 04073
Comprehensive manpower act of 1973, 07395
Comprehensive occupational data analysis program (CODAP), 02827
Comprehensive planning series, 07727
Comprehensive program for water pollution control for Mississippi-St. Louis area drainage basin, 09585
Comprehensive resource and enviornmental management planning, 07016
Comprehensive water pollution control program for territory of Alaska, 11720
Comprehensive water supply quality control program in New England, 09586
Compression characteristics and structural beam design analysis of steel fiber reinforced concrete, 06495
Compression-decompression schedule for producing dysbaric stress in mature rats, 06825
Comptroller General of United States, annual report, 09020, 09334
Comptroller General of United States decisions, 01793
Comptroller General's opinion of legality of executive impoundment of appropriated funds, 07538
Comptroller's guide, 07169
Computation of aerodynamic characteristics of rectangular wind with plates moving at low subsonic speed near screen, 01324
Computation of uniform and nonuniform flow in prismatic conduits, 05357
Computed lateral power spectral density response of conventional and STOL airplanes to random atmospheric turbulence, 09501
Computer aided design of mechanical systems, 00736
Computer equipment, global market survey, 03296
Computer model for determining bank storage at Hungry Horse Reservoir, northwestern Montana, 10949
Computer model for evaluating community phosphorus removal strategies, 04356
Computer networking, approaches to quality service assurance, 06921
Computer program abstracts, 01794
Computer program for calculating equilibrium composition of high-temperature combustion products, 04583
Computer program for clustering data points on sphere, 11602
Computer program for determining load-carrying capability of running skyline, 08599, 10072
Computer program for determining rotational line intensity factors for diatomic molecules, 01402
Computer program for finite element analysis of concrete airfield pavements, 06500
Computer program for laminar, transitional and turbulent boundary layers for compressible axisymmetric flow, 11662
Computer program for solving gains required for steady-state decoupling of elements of longitudinal mode of airplane, 11655
Computer program for structural analysis of layered orthotropic ring-stiffened shells of revolution (SALORS), linear stress analysis option, 05613
Computer program to determine possible daily release window for sky target experiments, 11650
Computer programs, 07584
Computer programs for digitizing and using of library tapes of ship stress and environment data, 07027
Computer programs, mechanical and structural design criteria, 05612
Computer programs, operational and mathematical, compilation, 00550
Computer programs, special applications, compilation, 11652
Computer simulation of multi-aircraft flights, aid to mission planning, 06978
Computer-aided space shuttle orbiter wing design study, 11124
Computer-produced timber management plans, evaluation of program TEVAP, 08591, 10070
Computerizing labor market information in Japan, 09442
Computers and careers, 04344
Computers in economics and scientists of the future, 10984
Computers, control & information theory, weekly Government abstracts, 02767
Computing horizontal distance of pilot balloons, 06123
Computing your tax under income averaging method, 04510
Concept of impeachable offense, 10156
Concept, algorithm, decision, 00496
Conceptual design and operational characteristics for Mars rover for 1979 or 1981 Viking science mission, 08061
Conceptual design for cost evaluation of alternative educational systems in managing Air Force Academy and Air Force ROTC, 04800
Conceptual plan high plains cooperative program, 04718
Conceptual problems in developing index of health, 11170
Concise handbook on space biology and medicine, 05514-5
Concrete armor units for protection against wave attack, 07713
Concrete structural design for buildings, 04867
Concrete-polymer materials, 08825
Condemnations of private property for public use, 03445
Condenser and fan development for Rankine cycle engines, 11475

Conditioned reflex formation in marine animals using biotechnical training method, 06783
Conditions for learning, 07301
Conference in matter of pollution of interstate waters of Monongahela River and its tributaries, 10959
Conference on agenda for economic research on productivity, 08185
Conference on inflation, 11217
Conference on interstate pollution of North Fork Holston River, 10378
Conference on marking and labelling intermodal containers, 01368
Conference pollution of navigable waters of Penobscot River and upper Penobscot Bay, 10823
Conference pollution of Raritan Bay and adjacent interstate waters, 10824
Conferences on science course materials for administrators and others interested in school curricula, 10338
Conferring jurisdiction on U.S. district court for District of Columbia by Senate Select Committee on Presidential Campaign Activities, 03095
Confidence and concern, citizens view American Government, 05135
Confidence and concern, citizens view American Government, survey of public attitudes, 04204-5, 07504
Conflicting information on fuel shortages, 06387
Conflicting structures, 05528
Congenital malformations surveillance, 01795
Congress and mass communications, institutional perspective, 09736
Congress rediscovers itself, 09867
Congressional budget act of 1974, 10732
Congressional budget and impoundment control of 1954, 09175
Congressional directory, 93d Congress, 2d Session, 06131
Congressional district data CDD-series, 08940
Congressional district data book, 04937, 06210
Congressional franking reform, 03191, 04247
Congressional oversight of Administrative agencies, 04231, 09940
Congressional record, 01796-7, 02899-900, 03992, 04977, 06130, 07343, 08331-2, 08970, 09723-7, 10558-60, 11338-40
Congressional record, proceedings and debates of 92d Cong., 2d sess., 06130
Congressional right to information act, 06342
Congressional serial set, 00086-7, 00819-28, 02901-7, 03993-8, 06132-47, 07345-64, 08333-7, 08971-7, 10561, 11341-9
Congressional support of fishing industry, 07375
Consent decree bills, 07430
Conservation and efficient use of energy, 05063-6
Conservation districts, 05800
Conservation for quality living in New Hampshire, 01554
Conservation highlights, 01555
Conservation needs inventory for land resource planning, 00638, 03740-3
Conservation needs inventory for land resource planning, Meagher County, Mont., 07035
Conservation programs on military and other Federal lands, 10748
Conserving America's energy resources, 02893
Considerations for precise measurement of amplifier noise, 01422
Considerations in identification of managerial potential, 08959
Consideremos las cooperativas, 03423
Consistency of reporting of ethnic origin in current population survey, 07285
Consolidated list of persons or firms currently debarred for violations of various public contracts acts incorporating labor standards provisions, 01798
Consolidation of Reserve C-130 airlift squadrons consistent with total-force concept would reduce reserve personnel needs and operating costs, 07838
Constant-volume flame propagation, 11631
Constitution of United States of America, 07371, 08444
Constitutional grounds for presidential impeachment, 07433
Constitutional immunity of Members of Congress, 05002
Constitutional questions concerning emergency powers, 00238, 07566
Construction complaints handbook, 05452
Construction cost engineering and computation state of the art, 07681
Construction Engineering Research Laboratory interim report, 09983-4
Construction Engineering Research Laboratory technical manuscripts, 06489-91, 07680
Construction Engineering Research Laboratory technical report, 01109-10, 03318, 05307-8, 06492-500, 07681-5, 08538, 09271-2, 09985-7, 11459-60
Construction expenditure of State and local governments, 01799
Construction of military facilities, 00695
Construction of mint buildings, 06238
Construction reports, 00766, 01800-6, 02868, 04915, 08941
Construction review, monthly industry report, 01807
Construction standards and interpretations, 11713
Consular convention with Czechoslovak Socialist Republic, 06319
Consular relations, 00667, 01570-1, 01579
Consular relations, convention, with exchanges of notes, between United States and Belgium, 10443
Consultation and coordination with others, final environmental statement for prototype oil-shale leasing program, 01313
Consultative recognition for postal supervisors, 04137
Consumer aid series, 06942, 08116-7
Consumer alert, 01808
Consumer bulletin, 05382
Consumer buying indicators, 06092
Consumer credit, 01809
Consumer energy act of 1974, 09198, 09916-7
Consumer home mortgage assistance act of 1974, 09057
Consumer income, series, 06091
Consumer information series, 00381, 09314
Consumer installment credit at commercial banks, 01810
Consumer involvement in delivery of social service, 00633
Consumer legislative monthly report, 01811
Consumer news, 01812
Consumer preference and cooking yields of 3 and 5 pound pork spareribs served with and without rib bones, 04839
Consumer price index, 01813
Consumer problems of Klamath Indians, call for action, 10054
Consumer Product Safety Commission press release, 02456

Consumer Protection Agency act, 09901
Consumer protection under new anti-tampering odometer law, 08116
Consumer protection would be increased by improving administration of intrastate meat plant inspection programs, 06677
Consumer questions on banking, saving and loan associations, and other institutions, 05885
Consumer redress, 07482
Consumer,scientific, technical, and industrial glassware, 11322
Consumers' buying practices, uses, and preferences for fibers in retail piece goods, 05947
Consumer's guide to postal services and products, 04762
Consumers information series, 06633-4, 10921
Consumers' preferences, uses, and buying practices for selected vegetables, 07122
Containers and packaging quarterly industry report, 01815
Contaminant emissions model and inventory for Los Angeles, 09279
Contamination assessment and control in scientific satellites, 03610
Continental Congress (Bicentennial of American Revolution), 09647
Continuance of United States military rights and maritime practices in Bahamas, 03780
Continuation of GI bill benefits during energy crisis, 09147
Continued development, two-stage high-pressure-ratio centrifugal compressor, 11304
Continuing appropriations, 03168
Continuing education in mental health, project summaries, 10293
Continuous monitoring of coal by neutron moisture meter, 04588
Contracted resolution, 05728
Contractions, 00728
Contractions handbook, 01816, 04809
Contractor report NASA CR series, 00540-8, 01388-94, 03576-93, 04600-11, 05608-10, 06844-6, 08017-40
Contractors guide to US Army Materiel Command, 05991
Contrast method of processing photographs of Mars, 03513
Contribution of university scientists, 10985
Contributions to general geology (series), 05419
Contributions to stratigraphy, 03408, 05424, 08610, 10940
Contributions, benefits, and beneficiaries under State and local Government retirement systems, 10418
Control and eradication of foot-and-mouth disease, 11778
Control in space, 00500
Control of carbon dioxide cryodeposits, 03603
Control of emissions from light piston-engine aircraft, 05962
Control of pollution from animal feedlots, 08393
Control of pollution from animal feedlots and reuse of animal wastes, 09793
Control of pollution from hydrographic modifications, 06539
Control systems, 00499
Controlled atmosphere system for testing gas monitors, 08003
Controlled environment agriculture, global review of greenhouse food production, 04341
Controlled evaluation of reactive environmental simulation model (REM), 05321
Controlled thermonuclear fusion in installations with dense plasma, 09425
Controlling amount of internal aqueous solution in intermediate moisture foods, 04849
Controlling brown recluse spider, 03854
Controlling damage, U.S. policy options for Greece, 09829
Controlling wood-destroying beetles in buildings and furniture, 02816
Controls and associated equipment, 07613
Convention concerning protection of world cultural and natural heritage, 00965
Convention for protection of producers of phonograms, 00187
Convention on international regulations for preventing collisions at sea, 04157
Conversion of savings and loan associations from mutual to stock form, 10757
Conversion to metric system of weights and measures, 00163
Converted flexible packaging products, 00061
Convertible game tables and components, Tariff Commission report, 08859
Conveyance of certain lands in Alaska to City of Anchorage, 09151
Cooking for small groups, 07111
Cooking for two, 03860
Coolant mixing in LMFBR rod bundles, 06037-8
Cooperation in combating illicit international traffic in narcotics and other dangerous drugs, 03778, 05845
Cooperation in studies of World Ocean, 05836
Cooperation in transportation, 00671
Cooperative agreements & arrangements among three U.S. National Libraries, 03623
Cooperative economic insect report, 01817
Cooperative Federal-State-local health statistics system, 04646
Cooperative forest fire control, program fiananc-ing, Federal, Stae and private funds, 00393
Cooperative group to study localization of radiopharmaceuticals, 00750
Cooperative research progress, problems, 05341
Cooperative water resources research and training, 06732
Cooperatives and condominium housing, 00048
Coordinated Federal wage system, 01984
Coordination by Attorney General, Executive order 11247, 09349
Copper-base mill and foundry products, summary for 1973, 11317
Copper, quarterly industry report, 01818
Copyright enactments, laws passed in United States since 1783, relating to copyright, 07581
Copyright in United Kingdom for United States citizens, 01058, 05191
Copyright law revision, 04232
Copyright Office, 01057
Copyright Office bulletin, 07581
Corneal disease, 01435
Cornering characteristics of 40 x 14-16 type VII aircraft tire and comparison with characteristics of C40 x 14-21 cantilever aircraft tire, 05619
Corporate disclosure, 10770-1
Corporation income tax returns, 04519
Corporations and Federal income tax, 1974 edition for use in preparing 1973 returns., 07893
Correction of export (Schedule B), 07286
Corrections, 01386, 07432
Correlation of expenditures for science and productive capital investments, 09427
Correlation of new hypervelocity impact data by threshold penetration relations, 01405
Correlation of plasma volume and body weight in dogs, 09688

Correlation textile and apparel categories with tariff schedules of United States, 06456
Correlational analysis of drug abuse in Air Force, 07139
Correlations of basic gel permeation chromatography data and applications to high-boiling petroleum fractions, 11636
Correspondence and other documents relating to student aid officers responsibilities, 00129
Correspondence courses offered by participating colleges and universities (PC&U) through United States Armed Forces Institute, 05199
Correspondence management, 08750
Corrosion characterization and response to cathodic protection of 8 wire-rope materials in sea water, 06999
Corrosion control for aircraft, 00357
Corrosion of oxygen-doped tantalum by lithium, 08042
Cortical evoked potentials to subliminal emotional words, 11566
Cosmic radiation burst observed by Kosmos-461 artificial earth satellite, USSR study, 08650
Cosmonaut training center and Zvezdnyy Gorodok described, 05542
Cost analysis and rate setting manual for animal resource facilities, 08778
Cost analysis of blood banking alternatives, 01424
Cost analysis of ground-water supplies in North Atlantic Region, 03409
Cost evaluation of alternative air quality control strategies, 07777
Cost growth in major weapon systems, 00442
Cost of building and operating rice drying and storage facilities in South, 00722
Cost of clean air, annual report of Administrator of Environmental Protection Agency to Congress, 05095
Cost of dissolved air flotation thickening of waste activated sludge at municipal sewage treatment plants, 11476
Cost of education in health professions, 08621
Cost of living, 05003
Cost of Living Council, Federal Energy Office procedures concerning petroleum price increases, 08394
Cost of transporting freight by class 1 and class 2 motor common carriers of general commodities, 03483-5, 00492
Cost of whey-soy-drink mix for human consumption, 11296
Cost-price, useful way to evaluate timber growing alternatives, 06663
Costa Rica, 08316
Costs and returns, migratory sheep ranches, Utah, Nev., 03307
Costs and returns, Northwest cattle ranches, 03308
Costs of building and operating rice drying and storage facilities in South, 00722
Costs of construction of publicly-owned wastewater treatment works, 08433
Cotton fiber and processing test res=lts, 01821
Cotton gin operating costs in Midsouth, 00013
Cotton gin operating costs in San Joaquin Valley , 06473
Cotton ginnings, 01822-3
Cotton insect scout, how he can help you, 03328
Cotton price statistics, 01824, 02798
Cotton production in Soviet Union, 01236
Cotton quality crop of 1972, 03835
Cotton quality, supply, disappearance, carryover, 00003, 04773
Cotton situation, 01825
Cotton varieties planted in early producing sections of Texas, 10490
Cotton, manmade fiber staple, and linters, 00767, 04918
Cotton, wool and man-made fiber textiles, tables depicting United States foreign trade, 10398
Counselors in public schools, 00295
Count your benefits as Veterans Administration employee, 08264
Counties and county equivalents of States of United States, 01418
Counting the forgotten, 10549
Country commercial program for Colombia, 03980
Country demographic profiles, 02870, 06080, 06080, 08316
Country market survey, CMS (series), 01826
County business patterns, 00058-9, 02869
Coupling of upper and lower atmosphere by infrared radiation, 04550
Court decisions relating to National labor relations act, 10304
Court of Claims calendar, 01827
Court-martial reports, 00253
Courts, 00538
Coverage and vesting of full-time employees under private retirement plans, 04565
Coverage of housing in 1970 census, 06073
Coverage of nonprofit hospitals under National labor relations act, 05167, 08461
Coverage of U.S. nationals, 03211
Covering leg 15 of cruises of drilling vessel Glomar Challenger, 08154
Covering leg 21 of cruises of drilling vessel Glomar Challenger, 03679
Covering leg 20 of cruises of drilling vessel Glomar Challenger, 06993
Covering leg 22 of cruises of drilling vessel Glomar Challenger, 08155
Covering leg 23 of cruises of drilling vessel Glomar Challenger, 11192
Covering leg 25 of cruises of drilling vessel Glomar Challenger, 11193
CPR population research series, 08771
Crash/injury ejection study, commercial vehicle accidents, 10200
Creating transportation safety environment, 10352
Creation of Indian Trust Counsel Authority, 08400
Credit crunch and reform of financial institutions, 04088, 05055
Credit union statistics, National Credit Union Administration, 01828
Credit unions and the money 'crunch', 05659
Credit-card and check-credit plans at commercial banks, 03362
Credit, key to control, 03846
Creep behavior of tantalum alloy T-222 at 1365 to 1700 K, 11146
Crest of wave (remarks), 03847
Crime and delinquency abstracts, 01829
Crime and delinquency issues, monograph series, 06954
Crime and delinquency issues, research report, 06955
Crime in Nation's 5 largest cities, 10153
Crime scene search and physical evidence handbook, 09431
Criminal justice monographs, 03533
Criminal justice research, 00515, 00515, 04552-4, 08674
Criminal justice system, 04594
Criminal laws and procedures, 03133
Criminal redistribution (fencing) systems, 00243

Crisis of development and interdependence, 10695
Criteria for recommended standard, occupational exposure series, 08120-4
Critical path planning in Navy, 06782
Critical path processing system, 06728
Crop production, 01830
Crop production, propective plantings for 1974, 08240
Crop production, prospective plantings for 1974, 35 States, 07064
Crop production, winter wheat, 05858
Crop values, 1971-73, season average prices received by farmers and value of production, 08241
Cross sections of proton-nucleus interactions at high energies, 11202
Cross-connection control manual for water pollution control, 04765
Crossflow effects on impingement cooling of turbine vane, 08724
Crown-of-thorns (Acanthaster planci) plagues, natural causes theory, 08834
Cruise performance of isolated 1.15 pressure ratio turbofan propulsion simulator at Mach numbers from 0.6 to 0.85, 11656
Cryogenic Data Center, Current Awareness Service, publications and reports of interest in cryogenics noted, 01831
Cryogenic Physics Section, summary of activities, 1973, 08761
CSRS series, 08969
CTR engineering systems study review meeting, fusion power, 06065
Cuban economic development, cooperation with CEMA countries, 11568
CUE program of Census Bureau, 07260
Cultural relations, 00670
Cumulated index medicus, 09543
Cumulative index digest of decisions and reports of Federal Communications Commission, 06605
Cumulative index medicus, 08780
Cumulative index-digest of unpublished decisions for period 1943-54 inclusive, 10435
Cumulative list of organizations, publications 78, supplements, 01832
Current analysis of petroleum supplies , 05145
Current bibliography of epidemiology, 01833
Current business reports, 01834-40
Current concepts regarding moon, 08082
Current construction reports, 01841
Current discharge at selected stations in Pacific Northwest, 01842
Current economic analysis F series, 02035
Current economic analysis, S series, 02591
Current economic analysis, series, 02154
Current energy shortages oversight series, 05136, 06387, 07505-7, 08487, 09930-1, 11434
Current estimates from health interview survey, 04650
Current Federal examination announcements, 01843
Current Federal workforce data, 10552
Current fisheries statistics, 00582-4, 01471-4, 01636, 01698, 02024-5, 02029, 02052, 02063, 02076, 02264, 02279-80, 02302, 02365, 02372, 02383, 02550, 02593, 02602, 02648, 02737, 03665, 04677, 05691, 06967-9, 08140-1, 08781, 09544-7, 10308-10, 11178-81, 11690-1
Current foreign policy, 05818, 07049, 08234, 10439, 11773
Current housing market situation, 07801-2, 07877-8, 10031, 10902
Curent housing report, 01844
Current industrial reports, 00060-8, 00767-75, 01846-7, 02871-5, 03944-8, 04916-24, 06081, 07261-6, 10540-1, 11317-29
Current laws, statutes and executive orders, 04357
Current literature on venereal disease, 01848
Current local announcements covering Washington, D.C., metropolitan area, AN 2602-WA, 01849
Current measurements in Salton Sea using ERTS multispectral imagery, 04719
Current medicare survey report, CMS series, 03738
Current negotiations on arms limitations, 09680
Current population reports, 00069, 00776-7, 01850, 02876-8, 03949-51, 04925-7, 04929-30, 06082-92, 07267-78, 09712, 10542-3, 11330
Current practice in GC-MS analysis of organics in water, 01172
Current problems of hydrobiology, 03522
Current research and development on roads and road transport, in-depth study reports from world survey, 00366
Current salary schedules of Federal officers and employees, 07444
Current wage developments, 01851
Curvature-corrected Kirchoff formulation for radar sea-return from near vertical, 10205
Customs bulletin, 01852, 11797
Customs convention on containers, 1972, and international convention for safe containers, 06318
Customs Convention on International Transit of Goods, 06321
Customs guide for private flyers, 04264
Customs highlights for government personnel (civilian and military), 04265
Customs inspection, 05200
Customs regulations, 03253, 06412
Customs regulations of United States, 01853
Cutoff of petroleum products to U.S. military forces, 09931
Cybernetics and psychology, 11565
Cycling and control of metals, 01149

D

D.C. Government organization, 00124-6
D.C. no-fault motor vehicle insurance, 00127
D-2 lands set aside under Alaska native claims settlement act, 08401
DACAS, drug abuse current awareness system, 01854
Dahomey-Niger, 03769
Daily series, synoptic weather maps, 01855
Daily statement of Treasury, 01856
Daily weather and river bulletin, Albuquerque, N.M., 01857
Daily weather maps, weekly series, 01858
Dairy herd improvement letter, 01859
Dairy plants surveyed and approved for USDA grading service, 01860
Dairy products, 01861
Dairy situation, 01862
Damage to oyster beds due to Federal action, 05182
Damage to public lands from forest practices or fluoride emissions, 07414
Danger, automotive gasoline at work, 07819
Data communications system throughput performance using high speed terminals on dial telephone network, 01425
Data elements, entitlement period 4, 04757
Data elements, entitlement period 5, 11274
Data evaluation and methods research, 06927

Data for municipal wells in city of Modesto, Calif., 11536
Data from fog dispersal experiment using helicopter downwash, 04823
Data from national health survey, 03652, 04649-50, 05651-2, 06928-31, 08108-10, 9529-30
Data from national vital statistics system, 00566, 01430, 06932, 08111
Data on national health resources, 10278, 11680
Data on selected lakes in Washington, 04462
Data processing technology, suggested 2 year post high school curriculum, 04345
Data relating to individual income tax reductions, 07489
Data report, high altitude meteorological data, 01863
Data uses in private sector, proceedings of executive seminar, 09710
Data-based methodology for specifying construction project durations, 03318, 07682
Dates of latest editions, aeronautical charts, 01864
Day care centers, 00788
Day care services in federally funded community mental health centers, 04670
Day Care, everybody's problem, 00790
Daylight saving time act of 1973, 03087, 05072, 07479
DEA, 04335
DEA personnel management series, 07643-4
Death Valley National Monument, 11695
Death Valley Scotty's Castle National Monument, 05706
Debe usted alquilar o comprar una casa?, 04493
Decay of far flow field in trailing vortices, 08075
Decision of Administrator of Environmental Protection Agency regarding suspension of 1975 auto emission standards, 01052
Decision-makers guide in solid waste management, 10825
Decision-related research in field of local government management, 09561
Decision-related research on organization of service delivery in metropolitan areas, 09562
Decision-related research on technology utilized by local government, 09563
Decisions and orders of National Labor Relations Board, 00581, 01469, 04674, 05688, 09542, 11176
Decisions and orders of Occupational Safety and Health Review Commission, 01531
Decisions and reports, Securities and Exchange Commission, 01545, 05781
Decisions of Comptroller General of United States, 01865
Decisions of Department of Interior, 02166
Decisions of Employees' Compensation Appeals Board, 07670
Decisions of Federal Maritime Commission, 05361
Decisions of Interstate Commerce Commission, 09383, 10149
Decisions of Maritime Subsidy Board, Maritime Administration, Dept. of Commerce, 10172
Decisions on geographic names in United States, 01866
Declaring lobster creature of Continental Shelf, 06242
Declining pines associated with bark beetle activity in Allen Parish, La., 05394
Decomposition of hydrogen sulfide in electrical discharge, 03563
Decomposition-aggregation stability analysis, 04800
Decoupling in linear time-varying multivariable systems, 05629
Deducciones de los ingresos de la famila, 00390
Deduction for medical and dental expenses, 04511
Deep sea drilling project, ocean sediment coring program, 06991
Deep seabed hard minerals, 10709
Deepwater port act of 1973, 08479-80
Deepwater ports, 05034, 08428
Defense Civil Preparedness Agency handbook H series, 09247
Defense Civil Preparedness Agency information bulletin, 02157
Defense Civil Preparedness Agency technical report TR series, 01061, 09970
Defense Department handbook H series, 09975
Defense indicators, 01867
Defense industrial plant equipment, 05204
Defense industrial plant equipment center operations, 06419
Defense integrated data system, (DIDS) procedures manual, 03256-9, 04270-2, 05201-2, 06416-7, 08520
Defense management journal, 01868
Defense procurement circular, 01869
Defense Supply Agency handbook DSAH (series), 01063, 05203, 07593
Defense Supply Agency manual DSAM (series), 00254, 03260-1, 05204, 06418-9, 07594
Defense, electrical substation, 00690
Defense, support of United States activities at Churchill Research Range, 00694
Defense, use of facilities at Goose Bay Airport, Newfoundland, 05842
Definition of measure for certain infinite series, 04703
Definitions and abbreviations, FAA, 01942
Definitions and terms in mental health, alcohol abuse, drug abuse, and mental retardation, 09539
Definitions, policy statements and general rulings, 10115
Deformation of fuel subassemblies hexagonal wrappers due to stainless steel swelling, 07205
Degasification of virgin Pittsburgh coalbed through large borehole, 01380
Delaware outdoor recreation potentials, 08218
Delinquent international debts owed to United States, 00931
Delinquent international debts owed to United States, mid-1973 progress review, 04103
Delta Queen, 07471
Demand and price situation, 01870
Demand and price situation for forest products, 04787
Demonstration of a non-aqueous sewage disposal system, 06573
Demonstration plant, clean boiler fuels from coal, preliminary design, capital cost estimate, 06119
Dental services for American Indians and Alaska natives, 05468
Deparment of Labor annual report, 01350
Department and foreign service series, 00664
Department circular, 03806, 07086
Department circular, public debt series, 00705, 01587, 03807-11, 08258-9, 08872, 10475-6, 11275-7
Department of Air Force historical summary, 02835
Department of Army historical summary, 1970 fiscal year, 11299
Department of Army, historical summary, fiscal year 1969, 05992

Department of Defense appropriations, 1974, 00119, 00917-9, 03096, 03100-1, 05050, 05110-1, 06193, 06362-3, 09030
Department of Defense appropriations, 1975, 09802, 11391
Department of Defense civilian personnel, 06451
Department of Defense energy resources and requirements, 09056
Department of Defense Falls Church, Va., facility lease renewal, 07571
Department of Defense index of specifications and standards, 01871
Department of Defense machinery leasing practices, 00166, 04050
Department of Defense provisioning screening manual, 01064
Department of Defense stock funds, accomplishments, problems and ways to improve, 10076
Department of Defense supplemental authorization for appropriations for fiscal year 1974, 10639
Department of Defense telephone directory, 01872
Department of Energy and Natural Resources and Energy Research and Development Administration, 04104
Department of Health, Education, and Welfare telephone directory, 05439
Department of Interior and related agencies appropriations for 1975, 09803-5
Department of Interior appropriations bill, 1974, 03006
Department of Interior: Alaska Power Administration, Bonneville Power Administration, Bureau of Reclamation, Secretary of Interior, Southeastern Power Administration, Southwestern Power Administration, Underground electric power transmission research; Water Resources Council., 09813
Department of Justice/ITT litigation-Richard Kleindienst nomination hearings, 09098
Department of Labor annual report, 01350
Department of State appropriation authorization, 05033
Department of State appropriations authorization act of 1973, 03155
Department of State bulletin, 01873
Department of State newsletter, 01874
Department of Transportation and related agencies appropriations for 1975, 08379
Department of Transportation telephone directory, 01875
Department of Treasury staff analysis of preliminary Federal Trade Commission staff report in its investigation of petroleum industry, 05140
Departmental briefings, 00941
Departments of Labor, Health, Education and Welfare, and related agencies, appropriations, 1974, 00992, 01011-2, 05112-4, 06322, 06364
Departments of Labor, Health, Education and Welfare, and related agencies, appropriations, 1975, 09807-9, 10678
Departments of State, Justice, Commerce, judiciary and related agencies, appropriations, 1974, 00198, 02967
Departments of State, Justice, Commerce, judiciary and related agencies, appropriations, 1975, 09810, 10679
Dependence of antenna temperature on polarization of emitted radiation for scanning radiometer, 06981
Dependence of high latitude spread-F occurrence on solar and magnetic activity, 06125
Deposits, reserves, and borrowing of member banks, 01876
Deputy marshal reclassification, 04248
Deriving fair incentives for management of hardwood timber stands, 00415
Description and results of Air Force research and development program for improvement of maintenance efficiency, 04801
Descriptive list of treasure maps and charts in Library of Congress, 09448
Design and administration of adverse action and appeal systems need to be improved, GAO report, 07839
Design and evaluation of controls for drift, video gain, and color balance in spaceborne facsimile cameras, 04620
Design and installation of ship response instrumentaion system aboard SL-7 class containership S.S. Sea-Land McLean, 11227
Design calculations for Halon 1301 distribution tube for aircraft cabin fire extinguishing system, 09627
Design considerations for calculator, altitude ML-646 (XE-ll)/UM, 03905
Design criteria for facilities in areas subject to typhoons and hurricanes, 04868
Design criteria for mechanical, electric, and fluid system and component reliability, 07094
Design for tomorrow, Souris, Red, Rainy Rivers, 00655
Design guide for improving residential security, 08622, 10104
Design manual DM series, 00598-9, 06996
Design manual for State traffic records sytems, 00568-71, 01441-4
Design of agricultural buildings and structures, 08661
Design of gas dynamic CO2 laser, 05511
Design of structures to resist effects of atomic weapons, multistory frame buildings, 03922
Design of structures to resist effects of atomic weapons, principles of dynamic analysis and design, 03920
Design of structures to resist effects of atomic weapons, structural elements subjected to dynamic loads, 03921
Design of structures to resist effects of atomic weapons, weapons effects data, 03919
Design of underground mine layout, 09467
Design of wire tensioning device, 02845
Design studies for experimental application of two-way cable communications to urban social service delivery and administration, 09564
Design, fabrication, and flight test of active arm external load stabilization system for cargo handling helicopters, 07190
Design, fabrication, test, and evaluation of spiral bevel support bearings, 06013
Design, siting, and construction of low-cost housing and community buildings to better withstand earthquakes and windstorms, 06903
Design, test, and acceptance criteria for Army helicopter transparent enclosures, 00037
Designate certain lands in Okefenokee National Wildlife Refuge, Ga., as wilderness, 10631
Designating Beaver Dam, Ark., as James W. Trimble Dam, 03185
Designating certain lands as wilderness, 09789
Designating certain lands in Farallon National Wildlife Refuge, San Francisco County, Calif. as wilderness, 09778
Designating certain lands in Shenandoah National Park, Va., as wilderness, 00991
Designating Chartiers Creek Flood Protection Project in Allegheny County, Pa. as James G. Fulton Flood Protection Project, 06346

Designating Eagles Nest Wilderness Arapaho and White River National Forests, in State of Colorado, 00998
Designating Flat Tops Wilderness, White River and Routt National Forests, in State of Colorado, 01000
Designating structure S-5A of Central and Southern Florida Flood Control District, Palm Beach County, Fla., as W. Turner Wallis Pumping Station, 10722
Designating Texarkana Dam and Reservoir on Sulphur as Wright Patman Dam and Lake, 04996
Designating Trotters Shoals Dam and Lake, Ga. and S.C., as Richard B. Russell Dam and Lake, 09140
Designating U.S. courthouse and Federal office building under construction in New Orleans, La. to be Hale Boggs Federal Building, 03193
Designation of wilderness areas, 00937
Desk book for special court-martial convening authorities, 05999
Destination USA, 03688-9
Detailed case studies, supporting documentation for EDA Growth Center evaluation, 05278
Detailed procedure use of small-scale photography in land use classification, 08734
Detection and delineation of faults by surface resistivity measurements, Gas Hills region, Fremont and Natrona Counties, Wyo., 07995
Detection of cyclohexanone in atmosphere above emplaced antitank mines, 10811
Detection of fatigue cracks by nondestructive testing methods, 08036
Determinants of police behavior, 03533
Determination of aquatic primary productivity (photosynthesis) in Lake Koocanusa, Mont. by carbon-14 light and dark bottle method, 04463
Determination of attitudes of joints surveyed with borescope in inclined boreholes, 07972
Determination of autoignition temperatures of hydrocarbon fuels, 11204
Determination of coronal ozone production by high voltage power transmission lines, 04362, 07750
Determination of critical nondimensional parameters in aircraft dynamic response to random input, 08033
Determination of distribution of thin-shelled spheres by diameters from electromagnetic radiation scattering data, 11016
Determination of 8 minor elements in low-alloy steels by fluorescent X-ray spectrography, 01375, 07986
Determination of fracture-resistance values using center-cracked tensile specimen, 11703
Determination of isotopic composition of uranium and plutonium, 02844
Determination of ocean surface descriptors using sea photo analysis techniques, 01500
Determination of optical absorption coefficient of powdered materials whose particle size distribution and refractive indices are not known, 04826
Determination of personal errors in observation of large planets, 05510
Determination of phosphate, nitrate and alkyl benzene sulfonates (ABS) in water with auto analyzer, 10385
Determination of 8 minor elements in low-alloy steels by fluorescent X-ray spectrography, 01375, 07986
Determining effects of gasoline price on use of metals in automobile manufacture, 06838
Determining eligibility for black lung compensation, 09444
Determining explosive oil in dynamites using high-pressure liquid chromatography, 01379
Determining rights and interests of Choctaw Nation, Chickasaw Nation, and Cherokee Nation in and to bed of Arkansas River below Canadian Fork and to eastern boundary of Oklahoma, 11410
Develop means to achieve accurate assessment of risk of developing cancer in individuals and population groups and presence, extent and probale course of existing cancers, 06926
Develop means to improve rehabilitation of cancer patients, 04644
Develop means to modify individuals in order to minimize risk of cancer development, 04642
Develop means to prevent transformation of normal cells to cells capable of forming cancers, 04643
Develop means to reduce effectiveness of external agents for producing cancer, 04641
Developing local and regional solid waste management plan, 10826
Developing reliable data on training in industry, 09441
Development and application of local linearization algorithm for integration of quaternion rate equations in real-time flight simulation problems, 06866
Development and demonstration of flueric sounding rocket motor ignition, 11091
Development and evaluation of optimized video output from wide angle optical probe/television camera, 10501
Development and flight test of multichannel ocean color sensor (MOCS), 03583
Development and flight tests of gyro-less wing leveler and directional autopilot, 08729
Development and preliminary application of an invariant coupled diffusion and chemistry model, 01390
Development and standardization of Air Force officer qualifying test form M, 08280
Development and testing of air monitoring system, 10838
Development and use of polymers in concrete, 04720
Development and validity of vocational and occupational interest inventory, 07145
Development concept, 05706
Development concept for small, split-core, heat-pipe-cooled nuclear reactor, 10223
Development digest (periodical), 01877
Development of acoustically lined ejector technology for multitube jet noise suppressor nozzles by model and engine tests over wide range of jet pressure ratios and temperatures, 11086
Development of analytic techniques to measure human exposure to fuel additives, 10827
Development of aqueous processes for removing NOx from flue gases, addendum, 04370
Development of cargo slings with nondestructive checkout systems, 07201
Development of cooking procedures and recipes for using irradiation sterilized meats, 04834
Development of data base for direct analysis of airmen loss rates, 09670
Development of design criteria, cost estimates, and schedules for MHD high performance demonstration experiment, 06117
Development of design manual for concrete floor slabs on grade, 07683

Development of design, test, and acceptance criteria for Army helicopter transparent enclosures, 07186
Development of E-2 weighted airman promotion system, 02825
Development of experiment for visible radiation polarization measurements from satellite, 06844
Development of flexibly packaged cakes, 04846
Development of high-purity filter for high temperature particulate sampling and analysis, 06560
Development of improved systems ofr obtaining time integrated measurements of sulfur diocide, nitrogen dioxide, nitrogen oxides, and other pollutants, 00339
Development of instrumental monitoring method for measurement of asbestos concentrations in or near sources, 05325
Development of instrumentation for measurement of stationary source aldehyde, organic acid, and amine emissions, 05324
Development of minimum pipe-cover requirements for C-5A and other aircraft loadings, 06530
Development of nationwide criminal data exchange system, need to determine cost and improve reporting, 00424
Development of oil and gas on Continental Shelf, 09921
Development of phosphate-free heavy duty detergents, 10833
Development of porous stainless-steel flow control devices, 02859
Development of predictions of future pollution problems, 10860
Development of procedure for measuring noise of paper caps, 01426
Development of pseudo-Nyquist analysis technique for hybrid sampled-data control systems, 06846
Development of psychometric measures of student attitudes toward technical training, 07141
Development of qualification standards, 01976
Development of radiation sterilized fish items, 04837
Development of range squared and off-gating modifications for lidar system, 06561
Development of reliability and maintainability analysis technique for helicopter research and development, 07191
Development of selective algaecide to control nuisance algal growth, 04359
Development of solar-powered residential heating and cooling system, 11083
Development of technical data file on design and use of instructional systems, 07146
Development of wheat varieties and agricultureal equipment, 08665
Developmental design, fabrication and test of acoustic suppressors for fans of high bypass turbofan engines, 08026
Developmental studies and laboratory investigations conducted by veterinary services diagnostic laboratories, 05985
Developments in aging, 1973, and Jan.-Mar.1974, 09903
Developments in airport paving criteria, 10508
Developments in marketing spreads for agricultural products in 1972, 05280
Developments in U.S. balance of payments, 03363
Device for separation of bio-electrical signals during effect of high-frequency electric currents on organism, USSR study, 03492
Devices not copyrightable, 07583
Devonian carrier shells (Euomphalidae) from North America and Germany, 05436
Dewey decimal classification, additions, notes and decisions, 01878
Diabetes literature index, 01452, 01879
Diablo Canyon Nuclear Power Plant, units 1 and 2, Pacific Gas and Electric Company, 08303
Diagnostics of dense laser plasma and superdense hot plasmas, 07911
DIALOG, executive computer program for linking independent programs, 03580
Diesel fuel oils, 1973, 05588
Diet 1 for dietary management of hyperchylomicronemia, 04655
Diet 2 for dietary managment of hyperchylomicronemia, 04656
Diet 3 for dietary management of hypercholesterolemia with endogenous hyperglyceridemia, 04657
Diet 4, for management of endogenouse hyperglyceridemia, 04658
Dietary levels of households in United States, seasons and year, 1965-66, 11295
Differential analysis for turbulent boundary layer on compressor blade element (including boundary-layer separation), 10252
Difficulties of assessing results of Law Enforcement Assistance Administration projects to reduce crime, 08603
Digest of educational statistics, 1973, 07662
Digest of health and insurance plans, 05556
Digest of public general bills and resolutions, 01880
Digest of published decisions of Comptroller General of U.S., 01883
Digest of scientific recommendations for National cancer program plan, 04640
Digest of selected health and insurance plans, 01881
Digest of selected pension plans, 01882, 11029
Digest of statements on proposals for private pension plan reform, 09126-7
Digest, Federal outdoor recreation programs and recreation-related environmental programs, 03695
Digital computer study of nuclear reactor thermal transients during startup of 60-KWe Brayton power conversion system, 08720
Digital-computer programs for analysis of ground-water flow, 00431
Dimensional analysis of bioenergetic values, 09421
Dimensions, NBS, 01884
Diplomacy of job safety, 08181
Diplomatic list, 01885
Direct determination of metals in air, 06553
Direction, Navy Public Affairs monthly, 01886
Directional properties of coal and their utilization in underground gasification experiments, 08010, 09475
Directional transformation in steel, texture behavior and martensite morphology, 06490
Directory of air quality monitoring sites, 06540
Directory of American Indian students pursuring professional health careers, 10096
Directory of committee memberships on National Bureau of Standards staff on engineering standards committees, 01416
Directory of companies filing annual reports with Securities and Exchange Commission, 10404
Directory of contacts for international educational, cultural and scientific exchange programs, 08852

Directory of full year Head Start programs, 00789
Directory of general hospitals providing walk-in emergency mental health services, 06956
Directory of industry wage surveys and union wages and hours studies, 11585
Directory of information resources in United States Federal Government, 10168
Directory of local employment security offices, 09449
Directory of meat and poultry inspection program establishments and officials, 01887
Directory of minority business resources of American Marketing Association, 07323
Directory of national organizations, 08623
Directory of packagings for transportation of radioactive materials, 06066
Directory of public affairs officers, 08624
Directory of public management organizations, guide to national organizations of State and local governments and associations of public officials with interest in public employee-management relations, 06796
Directory of standards laboratories, 03629
Directory of State agencies engaged in environmental monitoring, 06541
Directory, aviation medical examiners, 00756, 04902
Directory, Federally funded community mental health centers, 09536
Directory, medicare providers and suppliers of services, 07031
Directory, State, county and city government consumer offices, 01054
Disapproving Federal pay postponement, 03164
Disaster assistance authorization, 06293
Disaster preparedness and assistance legislation, 08431
Disaster preparedness, planning and operations, 05974
Disaster relief act amendments of 1974, 09897
Discharge and flow distribution, Columbia River estuary, 06699
Discharge and torque characteristics of 198-inch butterfly valve, Auburn Dam, 09601
Discharge of superconducting storage device through inverter, USSR study, 03504
Discipline is not a dirty word, 07643
Disclosure of corporate ownership, 06388, 09768, 09870
Discontinuance of negotiations for Federal-interstate compact of Hudson River basin, 08352
Discrete photoelectric tracking system with storage of error signals, 01335
Discrete wall jets in quiescent air, 09482
Discrimination of geophysical anomalies with aid of self-learning filters, 05522
Discussions on perfection of control, 01345
Disinfectants, 11717
Disinfectants and sanitizing agents, standards for claims, and protocols needed, 08544
Disintegration of Wolf Creek meteorite and formation of pecoraite, nickel analog of clinochrysotile, 10088
Dispersion in hydrologic and coastal environments, 06542
Dispersion of dust in channel by turbulent gas stream, 09473
Disposal of airplane wash wastes , 11721
Disposal of excess property in Australia, 08237
Disposal of wastes from cleaning of airplanes, 11722
Disposition of abandoned money orders and traveler's check, 03224
Disposition of public assistance cases involving questions of fraud, 01431
Disqualification of judges, 03173
Dissemination and utilization of solar energy research results, 10339
Dissociating gases as coolants and working substances at atomic power plants, 03495
Dissolved-solids discharge to oceans from conterminous United States, 07845
Distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 11101
Distribution and relative abundance of fishes in Newport River, N.C., 05701
Distribution and use of tax-free alcohol, 02838
Distribution functions of air-scattered gamma rays above isotropic plane sources, 07222
Distribution of metals in Baltimore Harbor sediments, 07728, 10821
Distribution of radionuclides in Columbia River streambed from nuclear reactors, Hanford Reservation to Longview, Wash., 08612
Distribution of selected elements in surficial marine sediments of northern Gulf of Mexico Continental Shelf and slope, 05435
Distribution of sulfur and ash in part of Pittsburgh seam and probable mode of deposition, 09466
Distribution, biological effects, and migration of radioactive isotopes, 11307
Distribution, thickness, and lithology of Paleocene rocks in Pakistan, 00436
District of Columbia appropriations 1974, 03147
District of Columbia appropriations 1975, 10680
District of Columbia code, annotated, 00151
District of Columbia revenue act of 1947, amendment act, 09774
District of Columbia self-government and governmental reorganization act, 00914, 06165, 06249
District 5 petroleum statement, monthly, 01888
Diversion of public inebriate from criminal justice system, 09432
DMI analytic studies, 05440
Do I have chronic cough?, 05666
Do you want summer job? tips on how to find one, 06794
Docking, castrating and ear tagging lambs, 05945
Document retrieval index (DRI), 00516, 04555-6, 07938
Documentation for geographic base (DIME) files, 08954
Documenting legacy, 40 years of Historic American Building Survey, 07954
Documents and committee reports, 00565
DOD's requirement for air-conditioning military family housing in Hawaii is unnecessary, 10077
Domestic and foreign government programs and policies affecting U.S. agricultural trade, 03788
Domestic and International Business Administration press releases, 02455
Domestic programs fact book, 01889
Domestic volunteer service act, 04093
Don't guess about a career!, 03886
Don't take chances with high blood pressure, 11687
Dosimetry, tolerance, and shelf life extension related to disinfestation of fruits and vegetables by gamma irradiation, 02861
DOT TST series, 07084
Double cropping with soybeans, will it pay on your farm?, 07126

Draft conversion of tariff schedules of United States into format of Brussels tariff nomenclature, 08860i1, 09628-9, 11791
Draft military specification for organizational and intermediate maintenance, 09671
Draft of proposed legislation to promote more effective management of certain related functions of Executive branch, 05019
Draft of proposed legislation to reform conduct and financing of Federal election campaigns, 11358
Drag and distribution, measurements of single-element fuel injectors for supersonic combustors, 10224
Drag characteristics of circular cylinders in laminar boundary layer at supersonic free-stream velocities, 06871
Drainage and flood control study, Guernsey County, Ohio, 07686
Dramatico-musical works., 00249
Drawing inferences, reading, 01092
Drift of 2,4,5-T applied with mist blower, 06658
Driver, 01890
Driver improvement analyst, basic training program, 01445-7
Drought and famine in West Africa, 04201
Drug abuse and the criminal justice system survey of new approaches in treatment and rehabilitation, 08533
Drug abuse education amendments, 1974, 09230
Drug abuse education projects, instructions for applicants, 07663
Drug abuse prevention legislation oversight, 07422
Drug abuse prevention report, 01891
Drug abuse warning network (DAWN I analysis), 07645
Drug and alcohol abuse crisis, 1973, 07553
Drug enforcement, 01892
Drug use in America, problem in perspective, 00534, 01367
DSA civilian personnel management, statistical indicators report, 11443
Duck plague (duck virus enteritis) in wild waterfowl, 07041
Ductile fracture equation for high-strength structural metals, 04696
Durability and maintenance as related to selection of flooring, 00561
Durability of advanced emission controls for heavy duty diesel and gasoline fueled engines, 08545
Dust allergy, 10285
Dust inhalation diseases, pneumoconioses, 05667
Dustiness of different coal seams, 06839
Duty free importation of upholstery regulators and upholsterer's regulating needles and pins, 09781
Duty-free entry of methanol, 08443
Dwarf fruit trees, selection and care, 08881
Dynamic model of stage-discharge relations affected by changing discharge, 10318
Dynamic model wind tunnel tests of a variable-diameter, telescoping-blade rotor system (TRAC rotor), 04874
Dynamic response of materials to intense impulsive loading, 02836
Dynamic water quality forcasting and management, 01151
Dynamic-scanning-electron-microscope study of friction and wear, 11154
Dynamics and forecasts of R&D funding, 11189

E

Ear and hearing in aquatic and dysbaric environments, 08691
Ear-protector ratings, 11312
Earle Cabell Federal Building, 03082
Early Paleozoic brachiopods of Moose River synclinorium, Maine, 01265
Early season snow report for Colorado, 10424
Earth Resources Technology Satellite, 01893-4
Earth's future and research at Pushchino City, 09393
Earth's ozone shield, 05536
Earthquake history of United States, 05315
Earthquake information bulletin, 01895
Earthquake relief, agreement between United States and Nicaragua, 04747
Earthquakes, 09197
East and West Potomac Park, history, 01488
East Asian and Pacific series, 07044
East Germany [colored map], 00787
East-West trade policy resolution, 03139
Eastern wilderness areas act, 10730, 04216, 10730
EASTROPAC atlas, 01470
Echolocation in nature, 11575-6
Ecological disposal of plastics with emphasis on foam-in-place polyurethane foam, 06454
Ecological monitoring of beach erosion control projects, Broward County, Fla. and adjacent areas, 09980
Ecological research series, EPA, 00325-7, 01150-3, 04358-9, 05318-9, 06542-8, 07729-30, 11477
Ecology and behavior of giant wood spider Nephila maculata (Fabricius) in New Guinea, 08206
Economic accountability and planning of work in scientific research and design, 10152
Economic Analysis Bureau press releseases, 02455
Economic analysis of gypsy moth problem in Northeast, 06670, 08598
Economic analysis of junk automobile problem, 03559
Economic assistance for relief and rehabilitation, 00668, 00696
Economic assistance to China and Korea, 07498
Economic censuses, 1972, publication program, 04931
Economic comparison of point-source controls and emission density zoning for air quality management, 08541
Economic development, 01896
Economic Development Administration press releases, 02455
Economic development and policy, 10603
Economic development districts, job-creating program, 11451
Economic development programs under jurisdiction of Committee on Public Works, House, 09855
Economic evaluation of MHD-steam powerplants employing coal gasification, 03567
Economic foreign policy series, 11776
Economic impact of oil shale industry in western Colorado, 07525
Economic impact of petroleum shortages, 05004
Economic indicators, 01897
Economic injury loans, 05782
Economic problems of women, 04030-2
Economic regulations of Civil Aeronautics Board uniform system of accounts and reports, 07306
Economic stabilization, 07390
Economic stabilization act, 09192

Economic stabilization program, 00250, 07587, 10799
Economic stabilization program quarterly report, 01898
Economic substantiation in design of seagoing cargo vessels, 11021
Economic-mathematical analysis of intersectorial balance of USSR, 06788
Economics cases of Civil Aeronautics Board, 04944
Economics of agriculture, reports and publications issued or sponsored by USDA'S Economic Research Service, 06472
Economics of clean water, 07731, 08516
Economics of motor vehicle and tractor industry, 11571-2
Economic of shipbuilding industry, 08642
Economics of use of surface condensers with dry-type cooling systems for fossil-fueled and nuclear generating plants, 07237
Economics, organization, and planning of ship electrical installation production, USSR study, 11561
Economy and efficiency of international air travel by Government officials, 00932, 03058
Economy in design operations, USSR study, 11017
Ecuador [colored map], 02884
EDA building communities with jobs, 09258
EDA directory of approved projects as of June 30,1973, 06469
EDA field reports, 10805
EDA technical assistance, what it is, how to apply, 10806
Edge diffracted caustic fields, 11089
Education amendments of 1974, 10739
Education and income in black community, 03364
Education briefing papers, 03311, 09261-2
Education directory, 1973-74, higher education, 07664
Education directory, 1973, education associations, 01088
Education for all handicapped children, 1973-74, 10780
Education legislation 1973, 04235-6, 06396-8, 07554-5
Education of dependents overseas by Department of Defense and independent American schools, 09062
Education of handicapped amendments of 1973, 03130
Education professions, 04346
Education programs of National Endowment for the Humanities, 1974, 08768
Education, financing of exchange programs, 05841
Education, who should pay the bills?, 11456
Educational laboratory and research and development center programs need to be strengthened, 06678
Educational program restructuring, 08795
Educational revolution in China, 06479
EEC and EFTA rules of origin governing preferential trade, 08530
Effect of all-volunteer force on input into school of military sciences, officer training program, 09666
Effect of blockage ratio on drag and pressure distributions for bodies of revolution at transonic speeds, 06865
Effect of calcium cyanamide on growth and nutrition of planted yellow-poplar seedlings, 06665
Effect of chromia doping on thermal stability of silica fibers, 08046
Effect of cooking and fat level on oxygen uptake of freeze-dried cooked ground beef, 04838
Effect of cyclic conditions on dynamic oxidation of gas turbine superalloys, 10248
Effect of defoliation on carbohydrate content of yellow-poplar seedlings, 06653
Effect of diffuser bleed on performance of annular swirl can combustor, 11108
Effect of electromagnetic field in meter range on nervous system of animals based on physiological and biochemistry studies, 03507
Effect of finite thrust and heating constraints on synergetic plane change maneuver for space shuttle orbiter-class vehicle, 06855
Effect of foreign exchange rate changes on U.S. trade and tariff concessions, 01026
Effect of fluorine content, atmosphere and burnishing technique on lubricating properties of graphite fluoride, 09509
Effect of gaseous and solid simulated jet plumes on 040A space shuttle launch configuration at M - 1.6 to 2.2, 11104
Effect of geometrical and flow parameters on high-effectiveness region of film cooling, 10253
Effect of geometry variations on lee-surface vortex-induced heating for flat-bottom three-dimensional bodies at Mach 6, 06883
Effect of heat and moisture on grain processing and storage, 09386
Effect of high temperature storage on acceptability and stability of intermediate moisture food, 04842
Effect of inertia properties on attitude stability of nonrigid spin-stabilized spacecraft, 10239
Effect of inlet-air humidity, temperature, pressure, and reference Mach number on formation of oxides of nitrogen in gas turbine combustor, 05625
Effect of phosphorus removal processes on algal growth, 06545
Effect of physical soil properties on cotton emergence, 04796
Effect of rehydration and cooking parameters on tenderness of freeze-dried raw pork chops, 04844
Effect of screen-induced total-pressure distortion on axial-flow compressor stability, 10225
Effect of strain hardening on friction behavior of iron lubricated with benzyl structures, 11144
Effect of stray direct current effects at various current densities on corrosion of steel, 11209
Effect of subsonic inlet lip geometry on predicted surface and flow Mach number distributions, 06882
Effect of temperature and strain upon ship steels, 07026
Effect of throttling on interface behavior and liquid residuals in weightlessness, 09492
Effect of underground explosions and changes in properties of medium in seismically active region, 09418
Effect of weld defects on RFI shielding effectiveness, 06493
Effective absorbed energies, 06046
Effective central control could improve DOD's ammunition logistics, 06679
Effective managerial control of acute care hospitals under phase 4 regulations, 07587
Effectiveness evaluation of operator training conducted under PSC program, 11478

Effectiveness of selected fuel additives in controlling pollution emissions from residual-oil-fired boilers, 04361
Effectiveness of short emission inspection tests in reducing emissions through maintenance, 06549
Effects and methods of control of thermal discharges, 09241-2
Effects of aerosols on determination of temperature of earth's surface from radiance measurements at 11.2 um, 05700
Effects of alcohol on eye movements and tracking performance during laboratory angular accelerations about yaw and pitch areas, 00047
Effects of autopilot on airplane responses to turbulence with emphasis on tail loads, 09499
Effects of crude oil and some of its components on young coho and sockeye salmon, 07729
Effects of design and operating variables on NOx from coal-fired furnaces, 07747
Effects of detergents on sewage treatment, bibliography, 09587
Effects of energy crisis on education, 1974, 09231
Effects of energy crisis on health care system, 07556
Effects of facial hair in oxygen masks, 08176
Effects of flanges on pressure distribution on flat plate and on corrugated surface at Mach numbers from 0.60-1.97, 08719
Effects of gear pattern on pavement systems performance, 08538
Effects of ground-water resource of channelization of Sudbury River through Cedar Swamp, Westborough, Mass., 04464
Effects of heated water on aquatic life, 08869
Effects of helicopter external loads on sling properties, 09685
Effects of increased leading-edge thickness of performance of transonic rotor blade, 06891
Effects of increased partial pressure of oxygen on sympatho-adrenal and acetylcholine systems, 05535
Effects of jointing and bedding separation on limestone breakage at reduced scale, 11635
Effects of land use and retention practices in Stony Brook basin, N.J., 09345
Effects of leading-edge serrations on reducing flow unsteadiness about airfoils, investigation, 05610
Effects of logging on growth of juvenile coho salmon, 01152
Effects of May 5-6, 1973, storm in Greater Denver area, Colo., 05428
Effects of methoxychlor on aquatic biota, 06548
Effects of non-ionizing electromagnetic radiations, 11004
Effects of nuclear radiation on high-reliability silicon power diode, 04625
Effects of OASDI benefit increase in Mar. 1974, 10419
Effects of organized criminal activity on interstate and foreign commerce, 09913
Effects of particle size on optical properties and surface roughness of glass-balloon-filled black paint, 11138
Effects of plugging deep artesian well on concentration of chloride in water in water-table aquifer at Highland Estates, Lee County, Fla., 00432
Effects of pollution abatement on international trade, 10555
Effects of pressure, oxygen concentration, and forced convection on flame spread rate of plexiglas, nylon and teflon, 08073
Effects of profile shape on aerodynamic characteristics of wing near shield, USSR study, 09396
Effects of protozoa on fate of particulate carbon, 00327
Effects of sand particles on small, intricate mechanical components, 06022
Effects of secobarbital and d-amphetamine on tracking performance during angular acceleration, 07252
Effects of simulated space environment on Skylab parasol material, 10220
Effects of stationary plasma engine and its testing aboard meteor artificial earth satellite, 10994
Effects of stratigraphic layers on water flow through snow, 01102
Effects of sulfur oxides in atmosphere on vegetation, 06546
Effects of thermal treatments upon concentratability of nonmagnetic iron ore, 03568
Effects of thinning on young shortleaf pine plantations in Indiana, 06661
Effects of urbanization on sedimentation and floodflows in Colma Creek basin, Calif., 11537
Effects of vertical wind on tactical rockets and artillery shells, 04824
Efficacy of quinaldine sulfate as anesthetic for freshwater fish, 05810
Efficacy of quinaldine sulfate MS-222 mixtures for anesthetization of freshwater fish, 05812
Efficiency of executive agencies with respect to petroleum industry, 06389
Efficient technique for determining apparent temperature distributions from antenna temperature measurements, 03582
Egg products, 01899
Egg research and consumer information act, 09799
Eggs, chickens and turkeys, 01900
Egmont Key National Wildlife Refuge, 09760
Egypt, 00659
Eight and one half percent treasury bonds of 1994-99, 11277
Eight and three eights percent treasury notes of series G-1975, 03808
Eight and three quarter percent treasury notes, 11276
Eight and three/fourth percent treasury notes of series I-1976, 11275
Eight essential obligations for successful Federal woman's program, 03981
Eight-cent Christmas postage stamps, 03815
Eight-cent Samuel Adams postal card and 16-cent reply-paid card, 03816
Eighteen-cent aerogramme, 05893
Eighteen-cent Elizabeth Blackwell regular postage stamp, 05894
Eighteen-cent international airmail poster card, 05895
Eighteen-cent Statue of Liberty, international airmail stamp, 05896
Eighteenth annual AFOSR chemistry program review, 04799
Eighteenth annual report on financial condition and results of operations of highway trust fund, 09747
Eighty-seventh annual report of Interstate Commerce Commission, 05027, 05494
Elastic buckling analysis for composite stiffened panels and other structures, 00540

Elastohydrodynamic film thickness formula based on X-ray measurements with synthetic paraffinic oil, 10243
Elderly Americans' nutritional needs, 09239
Elderly Cubans in exile, 09179
Election law guidebook, 10718
Election of small tax case procedure and preparation of petitions, 04751
Election reform, basic references, 04249
Electoral reform, 07539
Electric arc discharge damage to ion thruster grids, 11105
Electric can openers and hair dryers, Roto-Broil Corp. of America, 08862
Electric housewares and fans, 11326
Electric irons, 00381
Electric percolators, 06633
Electric power statistics, 01901
Electric utility policy issues, 09939
Electrical equipment, 03723
Electrical heating tests of uranium dioxide external fuel configuration at emitter temperature of 1900 K, 08721
Electrical resistivity of electrolytic iron, SRM 797 and austenitic stainless steel, SRM 798, from 5-280 K, 08098
Electricity sales statistics, retail distribution of electricity at TVA resale rates, 01902
Electrochemical removal of heavy metals from acid mine drainage, 10845
Electrodeposition of aluminum from ether-hydride solutions, 07221
Electromagnetic beam fields, 08166
Electromagnetic current meter evaluation, 10329
Electromagnetic field in laser resonator, 11203
Electromagnetic metrology, current awareness service, 01903
Electromagnetic shielding of structures, 07684
Electromagnetism signalling in animate nature, 11562
Electron spectroscopy for chemical analysis (ESCA), 07233
Electronic career ladder evaluation project, aptitude requrements study, 07144
Electronic receiving tubes and mounts, workers of Owensboro, Ky., plant of General Electric Co., 08249
Electronic technology reprints, 05645
Electrophoresis and coagulation studies of some Florida phosphate slimes, 07990
Electrophoresis demonstration on Apollo 16, 11659
Electrophoresis patterns of needle enzymes in longleaf and sonderegger pines, 00402
Electrotechnology, weekly Government abstracts, 02768
Elemental sulfur from Canada, 05864
Elementary and secondary education amendments, 00926, 04094-5
Elementary and secondary education amendments of 1974, 08362
Elementary and secondary schools under Fair labor standards act, 05906
Elevation, slope and curvature spectra of wind roughened sea surface, 08019
Eleven-cent airmail postal card, 05891
Eliminating maximum time on additional active duty that reserve officer of Army and Air Force may be required to perform on completion of training at educational institution, 03054, 03227
Elimination of duty on methanol imported for certain purposes, 09038
Elm sawfly, 06642
Emergence cage for soil-pupating Rhycionia spp., 08590, 10069
Emergency daylight saving time energy conservation act, 06253
Emergency highway energy conservation act, 05000, 05102
Emergency jacks for light trucks, 04429
Emergency medical services, 00572, 11172
Emergency medical services systems act, 03059, 03156
Emergency medical services, crash injury management for traffic law enforcement officers, 01448-9, 06943
Emergency military assistance for Israel and Cambodia, 06383
Emergency military assistance, Cambodia and Israel, 06365
Emergency national maximum highway speed limit act, 06237
Emergency petroleum allocation act of 1973, 03020
Emergency planning for municipal wastewater treatment facilities, 11805
Emergency powers statutes, 00237, 04176
Emergency Preparedness Office information, congressional and public affairs, 02457
Emergency preparedness progress in electric utility industry, 00279
Emergency security assistance act of 1973, 05057
Emission study of industrial sources of lead air pollutants, 00025
Emissions control in grain and feed industry, engineering and cost study, 07133
Emphasis needed on Government's efforts to standardize data elements and codes for computer systems, 10078
Employee benefit security act, 04152, 05032
Employee compensation and payroll hours, department stores, 06809
Employee compensation and payroll hours, heavy construction industry, 1971, 07952
Employee health insurance coverage for services of psychologists and optometrists, 00942
Employee incentives, handbook, 07882
Employee retirement systems of State and local governments, 06072
Employee-attitude and office environment analyses for development of human and architectural requirements for Buffalo District Office, Buffalo, N.Y., 09985
Employees' benefits, 09310
Employees of diplomatic missions, 01904
Employment and earnings, 01905
Employment and wages, 01906
Employment of scientists and engineers, 00527
Employment opportunities for office assistant and related positions, 06107
Employment opportunities for stenographers & typists, 03963
Employment profiles of selected low-income areas, 00759
Employment situation, 01907
Employment tax, 06735-6, 06740, 10135
En route air traffic control, 01908
En route air traffic control handbook, 03889
En route IFR peak day charts, 10503
En route position and time control of aircraft using Kalman filtering of radio aid data, 05634
Encounter with Jupiter, 05640
Endangered species act of 1973, 09200
Ending war and restoring peace in Viet-Nam, 00685
Endocrinology index, 01909
Endorsement for insurance for home mortgage programs, 10117

Endurance testing of downstream cathodes on low-power MPD thruster, 10250
Energy alternatives, 01311
Energy and environment, 07732
Energy and environmental objectives, 08481
Energy and foreign policy, 05134
Energy complex-target for today's technology, 01417
Energy conservation, 05005
Energy conservation and business community, 03982
Energy conservation and S. 2176, 00225
Energy conservation handbook for light industries and commercial buildings, 07324
Energy conservation strategies, 01187
Energy crisis and small business, 07449
Energy crisis, impact of Canadian policies, 05058
Energy crisis, inflation and investment, 06631
Energy emergency act, 05040, 05073, 05103, 06257, 08452
Energy emergency legislation, 04215, 06394
Energy facts, 08438, 09115
Energy from oil shale, 08439
Energy information act, 07522, 09938
Energy information needs, study by General Accounting Office, 05146
Energy management, economic sense for retailers, 07325
Energy management, marketing priorities and energy, 07326
Energy outlook for the 1980's, 05006
Energy recovery from waste, 06590
Energy related graduate traninee ship program, 08799
Energy related research and development, 08464
Energy reorganization act of 1973, 05067, 08355
Energy reorganization act of 1974, 08463
Energy research and development, 01021
Energy research and development and space technology, 04140-1
Energy research and development policy act, 00226
Energy research and development, overview of our national effort, 04142
Energy research and development, problems and prospects, 05142
Energy research program of U.S. Dept. of Interior, 08636
Energy supply and environmental coordination act of 1974, 08373
Energy taxation, 07451-5
Energy transportation security act of 1974, 07439, 08370, 08375, 09920
Energy windfall profits, 06382
Energy, cooperative world action to solve shortages, 05818
Energy, environment, and education, 08326
Energy, special bibliography with indexes, 09487
Energy, weekly Government abstracts, 02769
Enforcement decisions in aviation and marine cases, 08161
Enforcement economics in air pollution control, 10859
Enforcement of Federal mine health and safety laws, 07409
Enforcement report, Inspection Service, 01910
Engineer, 01911
Engineer design tests of modified dust-control materials and prototype equipment, 06531
Engineering and construction manual for instrument to make burn hazard measurements in consumer products, 08104
Engineering and design food service facilities, 03918
Engineering and development program plan, oceanic air traffic control automation, 09295
Engineering and development program, goals, achievements, trends, 11497
Engineering and instrumentation, 02198
Engineering design handbook: computer aided design of mechanical systems, 00736
Engineering evaluation of virus hazard in water, 09318
Engineers Corps, Albuquerque, N. Mex., 02458
Enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms, 11137
Enhancing female participation in Junior Reserve Officer Training Corps program, 03024, 06323
Enhancing trickling filter plant performance by chemical precipitation, 00337
Enlargement of Chesapeake and Delaware Canal, hydraulic and mathematical model investigation, 05313
Enlarging Grand Canyon National Park in State of Arizona, 03163
Enlisted personnel airman classification manual, 03885
Enlisted personnel reporting system, 05663
Entering agreement to practice in shortage area, 07872
ENTERPRISE standard industrial classification manual, 11590
Enterprise statistics, 1972, publication program, 03952
Entrepreneurial control in farming, 06474
Environment Midwest, 06550
Environment miscellaneous, 09848
Environment protecting concepts of beef cattle feedlot wastes management, 06551
Environment, bibliography of social science and related literature, 07778
Environment, new focus for land-use planning, 06992
Environmental analysis of uranium fuel cycle, 05762-4
Environmental applications of advanced instrumental analyses, assistance projects, 04366
Environmental bibliography, 07733
Environmental conditions within specified geographical regions offshore, 00322
Environmental considerations in highway design, location, construction and operation, 06606
Environmental Data Service, 01914
Environmental education act amendments of 1974, 09896
Environmental education projects, 05288
Environmental effects of construction and operation of gaseous diffusion plant, 07236
Environmental evaluation of Mines Development, Inc. uranium and vanadium milling operations at Edgemont, S. Dakota, 10873
Environmental exchange, beginning, 07734
Environmental facts, 01915
Environmental guide to Virginia Capes operating area, 05723
Environmental hazards and systems schools, 09970
Environmental health effects research series, 05320, 10827-8
Environmental health perspectives, 01455, 08774, 10291
Environmental health series, water supply and pollution control, 10379, 11723-5
Environmental impact of electrical power generation, nuclear and fossil, 00045
Environmental information systems directory, 01154

584-800 O - 75 - 38

Environmental monitoring at major U.S. Atomic Energy Commission contractor sites, 06060
Environmental monitoring series, 00330, 01155-7, 05321-3, 09278-81, 09993-5, 10829-30
Environmental news, 01916
Environmental noise assessment Waco, Tex., metropolitan area, 11479
Environmental pollution & control, weekly Government abstracts, 02770
Environmental protection, 09285
Environmental Protection Agency budget oversight, 00242
Environmental Protection Agency EPA bulletin, 01917
Environmental Protection Agency program plans related to monitoring, summary of FY 1974, 10865
Environmental Protection Agency's budget request for fiscal year 1975, 10793
Environmental Protection Agency's monitoring programs, 07737
Environmental Protection Agency's 1973 needs survey, 05183
Environmental Protection Agency's public advisory committees, 01158
Environmental protection technology series, 00331-45, 01159-73, 03320-1, 04360-74, 05324-31, 06552-75, 07735-70, 09282-4, 0996-9, 10831-46, 11480-2
Environmental quality research and development, review and analysis of Federal programs, 11226
Environmental Radioactivity Laboratory intercomparison studies program, 09994
Environmental realities, 04268
Environmental research in 1973, annual report, National Environmental Research Center, Cincinnati, Ohio, 05332
Environmental research publications, 04375
Environmental satellite imagery, 02202
Environmental Studies Division fy 1974 program, 01174
Environmental survey of transportation of readioactive materials to and from nuclear power plants, 00752
Environmental survey of uranium fuel cycle, 10526
EP series, 00549, 01395
EPA alkali scrubbing test facility, sodium carbonate and limestone test results, 01160
EPA citizens' bulletin, 01918
EPA compendium of registered pesticides, 00605-6, 01920, 10370-1, 11717
EPA compendium of registered pesticides, fungicides and nematicides, 01919, 11716
EPA compendium of registered pesticides: Rodenticides and mammal, bird and fish toxicants, 01534, 01921
EPA needs survey, 08430
EPA pollution regulations and fuel shortage, impact on mass transit, 00123
EPA reports bibliography, 00346
EPA Technology Transfer seminar publication, 08868
EPA's position on health effects of airborne lead, 10847
EPA-DC pilot plant for water pollution control, 02986
EPDA higher education personnel training programs, 1972-73, 09978
Ephemeris, 11587
Epicormic branching on hardwood trees bordering forest openings, 00413
Epidemiologic characteristics of morbidity in USSR population, 05508
Epidemiological study of narcotics abuse, 07058
Epidemiology of epilepsy, 01464
Epilepsia, esperanza en la investigacion, 03663
Epitaxial growth of 6H silicon carbide in temperature range 1320°-1390°C, 08074
Equal employment opportunities in current drug enforcement agencies, 05076
Equal employment opportunity act, implications for public employees, 10553
Equal employment opportunity counseling, 00076
Equal employment opportunity, Executive order, 09349
Equal opportunities for Spanish-speaking people, 09843
Equal opportunity in employment, 00800
Equal opportunity in Federal employment, 01922
Equal opportunity in housing, manual for corporate employers, 10963
Equal opportunity, what's it all about?, 03425
Equal pay, 05907
Equip tips, 05390
Equipment and technology used in gold extraction in foreign countries, 08671
Equipment and test procedure for determining multiaxial tensile and combined tensile-compressive strength of concrete, 09991
Equipment certification and type acceptance actions, report, 01953
Equipment operator 3 & 2, 01502
Equipment type acceptance actions, 01953
Equivalency of sentence intelligibility lists for audiological assessment of Naval personnel and Navy voice communication systems, 07960
ERIC, profile, 10288
Erosional and dispositional aspects of hurricane Camille in Virginia, 1969, 07861
Error in gas calculations caused by ignoring compressibility and solution effects, 11639
ERS-foreign series, 00292-3, 01084, 04339, 10807, 11453
ERS-series, 03307-8, 04338, 05280-1, 06472-4, 07650-1, 08534-5, 11454-5
ESC series, 03328, 05340
Essays on career education, 00576
Establish Department of Energy and Natural Resources, 05137
Establish independent Consumer Protection Agency, 04209
Establishing American Revolution Bicentennial Administration and for other purposes, 03183
Establishing Big Cypress National Preserve in State of Florida and for other purposes, 03002
Establishing business in Pakistan, 05269
Establishing even-age northern hardwood regeneration by shelterwood method, preliminary guide, 08593
Establishing Office of Federal Procurement Policy, 07508
Establishing Special Committee on Aging as permanent special committee and authorizing expenditures thereby, 09156
Establishing standards for effective wire rope clip installation, 01377
Establishment of American Indian Policy Review Commission, 04217
Establishment of State and regional environmental centers, 04218
Estate and gift tax, 06734, 06738-9, 10134
Estimate of contribution of jet aircraft operations to trace element concentrations at or near airports, 09495
Estimated costs to produce copper at Kennicott, Alaska, 01372

Estimated nutritional value of foods for families in food distribution program, 08581, 09327
Estimated retail food prices by cities, 01923
Estimates of coverage of population by sex, race, and age, demographic analysis, 07258
Estimates of Federal receipts, 00954
Estimates of Federal tax expenditures, 00169
Estimates of moon's geometry using Lunar Orbiter imagery and Apollo laser altimeter data, 03616
Estimates of number of households by State, 07270
Estimates of population of Alabama counties, 03951
Estimates of population of Arizona Counties and metropolitan areas, July 1,1972 and 1973, 06086
Estimates of population of Delaware counties and metropolitan areas, 07277
Estimates of population of Hawaii counties and metropolitan areas, 07273
Estimates of population of Idaho Counties and metropolitan areas, July 1,1972 and 1973, 06087
Estimates of population of Kansas counties, 09712
Estimates of population of Louisiana parishes and metropolitan areas, 06089
Estimates of population of Maine counties and metropolitan areas, 07274
Estimates of population of metropolitan areas, 00776
Estimates of population of Montana counties and metropolitan areas, 04929
Estimates of population of Nebraska counties, and metropolitan areas, 07278
Estimates of population of New Hampshire counties and metropolitan areas, 06088
Estimates of population of North Dakota counties and metropolitan areas, 07275
Estimates of population of Oklahoma counties and metropolitan areas, 11330
Estimates of population of Rhode Island counties and metropolitan areas, 10542
Estimates of population of South Dakota counties and metropolitan areas, 07276
Estimates of population of States, 02877
Estimates of population of Tennessee counties, 00777
Estimates of population of United States, 00069, 02878, 03950, 07268-9
Estimates of population of United States by age, sex, and race, 04928
Estimates of population of United States to Dec.1,1973, 06085
Estimates of population of United States to Nov.1,1973, 04927
Estimates of population of Utah counties and metropolitan areas, 07272
Estimates of population of Vermont counties, 07271
Estimates of resident Indian population and labor force status, 00459
Estimating fire-caused mortality and injury in oak-hickory forests, 06662
Estimating laboratory needs for municipal wastewater treatment facilities, 07093
Estimating slash fuel loading for several lake states tree species, 00412
Estimating understory plant cover with rated microplots, 00416
Estimation of petroleum exploration success and effects of resource base exhaustion via simulation model, 05418
European reactions to Soviet-United States detente, report of Mike Mansfield, 00217
European reactions to U.S. policies in Vietnam, 05059
European theater of operations, last offensive, 07966
Eutectic superalloys strengthened by delta, Ni3Cb lamellae and gamma-l, Ni3Al precipitates, 05608
Evaluating Federal effort to control drug abuse, 00135, 04061, 07410, 08395
Evaluation and modification of fluoride sampling and analytical methods, 07741
Evaluation and research program series, 06073-4, 07258
Evaluation of accessory materials for desalination plants, final report, 03728
Evaluation of activated carbon canisters for radon protection in uranium mines, 09700
Evaluation of bio-disc treatment process for summer camp application, 04369
Evaluation of cardiology training and manpower requirements, 09532
Evaluation of cermet materials suitable for lithium-lubricated thrust bearings for high-temperature operation, 11140
Evaluation of chromium oxide and molybdenum disulfide coatings in self-acting stops of air-lubricated Rayleigh step thrust bearing, 11141
Evaluation of column connections used in precast concrete modular housing system, 09519
Evaluation of commercial integrating-type noise exposure meters, 08097
Evaluation of constrained test method for obtaining free body responses, 01393
Evaluation of control laws and actuator locations for control systems applicable to deformable astronomical telescope mirrors, 05614
Evaluation of diffusion model for photochemical smog simulation, 01155
Evaluation of dishwashing systems in food service establishments, 03855
Evaluation of education, in need of examination, 04596
Evaluation of effectiveness of various devices for attenuation of trailing vortices based on model tests in large towing basin, 08710
Evaluation of employees for promotion and internal placement, 01981
Evaluation of equations for designing ammoniacal scrubbers to remove sulfur oxides from waste gas, 11480
Evaluation of field performance of Hays dissolved oxygen analyzer, 10381
Evaluation of flame emission determination of phosphorus in water, 01163
Evaluation of fluidized-bed combustion process, 07740, 07745
Evaluation of high temperature dielectric material, 07218
Evaluation of high-water pressure jet and joint preparation procedures, 00321
Evaluation of instrumentation for measuring behavior of aerosols in smog-chamber studies, 04591
Evaluation of interlaboratory comparison involving pyrocarbon and silicon carbide-coated uranium-thorium carbide beads, 06044
Evaluation of Kansas water supply program, 11483
Evaluation of large screen display in automated oceanic ATC environment, 11256
Evaluation of lime/limestone sludge disposal options, 10848
Evaluation of magnetic refocusing in linear-beam microwave tubes, 11143

Evaluation of mandatory petroleum allocation, 10924
Evaluation of measurement methods and instrumentation for odorous compounds in stationary sources, 01168
Evaluation of membranes for hemodialyzers, 06947
Evaluation of microwave-induced plasma spectrometer for trace analysis, 07753
Evaluation of monitoring methods and instrumentation for hydrocarbons and carbon monoxide in stationary source emissions, 01166
Evaluation of necessity for television blackouts of professional sporting events, 00144
Evaluation of paper, cotton, and polyethylene-film bags for packaging cornmeal, 00012
Evaluation of portable photometer to measure light output of installed in-pavement lighting fixtures, 11260
Evaluation of practicability of radioisotope thermal converter for artificial heart device, 06059
Evaluation of projects for counter-seasonality measures, 06498
Evaluation of regenerative pressurized fluidized-bed combustion process, 10837
Evaluation of stall-flutter spring-damper pushrod in rotating control system of CH-54B helicopter, 06019
Evaluation of stratified charge engine (SCE) concept, 03882
Evaluation of tantalum-alloy-clad uranium mononitride fuel specimens from 7500-hour, 1040° C pumped-lithium-loop test, 10251
Evaluation of ten fast Fourier transform (FTT) programs, 03901
Evaluation of treatment plants by tracer methods, 06048
Evaluation of various sizes and configurations of fuel tanks, 09684
Evaluation of wastewater treatment plants at Henderson, Nev., 10006
Evaluation of wet tantalum capacitors after exposure to extended periods of ripple current, 08713
Evaluation report, water resources appraisal for hydroelectric licensing, 01206
Evaluations of emissions and control technologies in graphic arts industries, 03883
Evaporation suppression, bibliography, 10130
Everglades National Park, Fla., 04684
Everything you always wanted to know about shipping high-level nuclear wastes, 06061
Evidence for possible memory impairment resulting from nitrogen in rhesus monkey, 06826
Evolution and improvement of tool steels, 11002
Ex-offenders voting rights, 09088
Examination and health history findings among children and youths, 6-17 years, 06929
Examination of financial statements, 00425
Examination of financial statements of Export-Import Bank of United States, 04455
Examination of financial statements of Federal Home Loan Mortgage Corporation, 04456
Examination of financial statements of Federal Prison Industries, Inc., Department of Justice, fiscal year 1973, 09751
Examination of financial statements of Government National Mortgage Association, 10934
Examination of financial statements of National Credit Union Administration, 10079
Examination of financial statements of Overseas Private Investment Corporation, 07372
Examination of financial statements of Panama Canal Company and Canal Zone Government, 08604, 09341
Examination of financial statements of Tennessee Valley authority, fiscal year 1973, 09752
Examination of financial statements of Veterans Canteen Service for fiscal year 1973, 06680
Examination of financial statements, Bureau of Engraving and Printing fund, 08602, 09338
Examination of financial statements, Government Printing Office, 00425, 09339
Examination of financial statements, Inter-American Foundation, fiscal year 1973, 09340
Examination of oxide-clad reactions in experiment G5 with high burn-up, 07209
Examination of President Nixon's tax returns for 1969-72, 07381, 09163
Examination procedure outlines for commercial weighing and measuring devices, 00557
Examining practices, 01980
Excerpts from talk by J. Phil Campbell, 00719
Excise tax, 06741, 10136
Executive Branch GATT study, 01026
Executive branch organization for international economic policy, 09924
Executive compensation rules, 00848
Executive manpower, 07312
Executive manpower management technical assistance paper EMMTAP series, 08959
Executive orders 11697 and 11709 permitting inspection by Department of Agriculture of farmer's tax returns, 00933
Executive privilege, secrecy in Government, freedom of information, 03248, 09932
Executive Protective Service, 09166
Exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, motorcycles, 00023
Exhibition flight, 06901
Eximbank and world of exports, 04392
Eximbank programs, 04391
Existing needs in experimental and observational study of atmospheric chemical reactions, 00330
Expanded metal of base metal from Japan, 07071
Expansion of enlistment bonus and revision of reenlistment, 07466
Expedient snow airstrip construction technique, 09270
Expenditure authorizations for Senate committees, 09966
Expenditure of Federal funds in support of Presidential properties, 08396
Experience from first stage of development of U-25 installation, 08643
Experience of Federal agencies under program of self insuring fidelity losses pursuant to Public law 92-310, 09850
Experimental actions, 01953
Experimental and analytical determination of vibration characteristics of corrugated, flexibly supported, heat-shield panels, 10245
Experimental and analytical study of conically diffused flow with nearly seperated boundary layer, 06889
Experimental CMI system on the PDP 11/20, 07151
Experimental combustor for development of package boiler emission control techniques, 01173
Experimental Engineering Division quarterly progress report, 01779
Experimental evaluation of metallic diaphragms for positive fuel expulsion in Atmosphere Explorer hydrazine propulsin subsystem, 08062

Experimental investigation at Mach 8 of effects of projections and cavities on heat transfer to model of Viking aeroshell, 10219
Experimental investigation of damping contribution of elastomeric ablator on aluminum beams, 10215
Experimental investigation of highly underexpanded sonic jet ejecting from flat plate into subsonic crossflow, 05615
Experimental investigation of large-scale, two-dimensional, mixed-compression, 04630
Experimental investigation of two-phase liquid oxygen pumping, 06884
Experimental investigation of vortex stability, tip shapes, compressibility, and noise for hovering model rotors, 01392
Experimental investigation of 4 1/2-stage turbine with very high stage loading factor, 08034
Experimental research on model MHD generator U-02 (stage II), 04544
Experimental studies of hypersonic boundary-layer transition and effects of wind-tunnel disturbances, 08728
Experimental study of characteristics of electrical discharge between coaxial copper electrodes in magnetic field, 06762
Experimental study of freeze-drying of raw beef, 04847
Experimental study of sharp- and blunt-nose streamwise corners at Mach 20, 10234
Experimental study of temporal statistics of radio signals scattered by rain, 00810
Experimental study of validity of heat-field concept for sonic-boom, 08040
Experimental transient turbine vane temperatures in cascade for gas stream temperature, 11653
Experimental trauma of occipital impacts, 08903
Experimental validation of landing-dynamics computer program for legged spacecraft landers, 08050
Experiments on confined turbulent jets in cross flow, 08712
Explicit calibration of PILLS II system, 04365
Exploration of Naval Pretroleum Reserve No.4 and adjacent areas, northern Alaska, 1944-53, 05432
Exploratory analysis of vapor impurities from TNT, RDX and composition B, 05300-1
Exploratory investigation of a wake disruption technique for studying wake reestablishment time, 11100
Exploratory investigation of Mach numbers from 0.40 to 0.95 of effects of jets blown over wing, 06870
Exploratory tests for two strut fuel inectors for supersonic combustion, 08076
Explosives applied in welding and polymerization, 06774
Expo '74, preserve environment, 10-cent stamp, 10478
Expo'74 medal, 10729
EXPOCUBA, Oct. 17 and 18, 1973, including index, 09085
Export Administration, 01924
Export Administration bulletin, 01925
Export Administration report, 4th quarter 1973, east-west trade, 11450
Export and import merchandise, 02698
Export control amendments, 11411
Export control policy, 00195
Export controls on agricultural commodities, 00203
Export development credit fund, 00210
Export expansion legislation, 06375
Export information for U.S. business firms, 07638
Export licenses approved and reexports authorized, 01926
Export opportunities for electronics industry production and test equipment, 10148
Export opportunities for Vietnam agricultural products in United States, 07652
Export priorities act, 05119
Export-Import Bank of United States, 06371
Export-Import Bank of United States, statement of condition fiscal year '73, 04392
Exporting is easier than you think, 10801
Exporting to United States, 04266
Exports, commodity by country, 02695
Expressing appreciation of Congress to Vietnam veterans, 03192
EXPRO '73, 06576
Extended evaluation of a particulate precipitating heat transfer surface, 07680
Extended planting seasons for sycamore and cottonwood, 00411
Extending diplomatic privileges to permanent observers to Organization of American States, 06294
Extending Drug abuse education act, 03062
Extending postal rate adjustments, 08460
Extending Select Committee on Nutrition and Human Needs, 10723
Extending temporary suspension of duty on certain classifications of yarns of silk, 03068
Extending, until July 1, 1975, suspension of duties on certain forms of copper, 10661
Extension of certain programs under Economic opportunity act of 1964, 10692
Extension of District of Columbia medical and dental manpower act of 1970, 09823
Extension of farm and related programs, 00196-7, 01007
Extension of Laplace transform to Schwartz distributions, 11156
Extension of loan of vessels, U.S.S. Holt, U.S.S. Erben, U.S.S. Hickox, U.S.S. Halsey Powell, 05843
Extension of Renegotiation act, 09128
Extension of Uniform relocation assistance act, 09031
Extension of wastewater treatment plant operators training program, 03138
Extension of Watergate grand jury, 04062
Extension Service circular ESC series, 03328, 05340
Extension Service review, 01927
External youth opportunity program, 00362
Extract from Report of Commission on Government Procurement, 09933
Extraction from flight data of longitudinal aerodynamic coefficients of F-8 aircraft with supercritical wing, 09502
Extraction of molybdenum and rhenium from concentrates by electrooxidation, 03570
Extradition treaties with Italy, Paraguay, and Uruguay, 00188
Extradition, continued application to Fiji of United States-United Kingdom Treaty, 03785
Extramural program of research on aging of National Institute of Child Health and Human Development, 09534

F

F. Edward Hebert Federal Building, 06244
F.T.C. statistical report on mergers and acquisitions, 11530

FAA air traffic activity, fiscal year and calendar year 1972, 10885
FAA air traffic activity, fiscal year 1973, 03332
FAA air traffic activity, peak day and terminal area relationships, calendar year 1973, 10010
FAA aircraft program data feedback, 01928
FAA aviation news, 01929
FAA statistical handbook of aviation, 05342
FAA views on nondestructive testing, 10062
FAA-AM series, 00047, 07245-52, 08901-3, 09705, 10529-32, 11312-3
Fabric boom concept for containment and collection of floating oil, 06569
Fabrication in France of plutonium and enriched uranium fast reactor cores, 07204
Fabrication of clad tube for fast reactor fuels, 09693
Faceplate, 01930
Facilities engineering, base operations, maintenance and minor construction, Army National Guard, 08114
Facilities planning summary, title 2, Federal water pollution control act, 1972, amendments, 06577
Facility management, 00729
Facility management handbook, 04810, 05980, 08286
Fact sheets, 05276
Factors affecting bank reserves and condition statement of F.R. banks, 01931
Factors affecting miniature Izod impact strength of tungsten-fiber-metal-matrix composites, 06874
Factors influencing selection of State office furniture, 06666
Factors related to adaptability to military service among 1965 airman accessions, 04802
Factors related to developing instructional information sequences, 08884
Factors related to drug abuse in submarine service, 10176
Facts about electric rates, 08870
Facts about mongolism for women over 35, 08772
Facts about United States money, 08260
Facts and figures on older Americans, 00002
Facts from FDA, 01232
Faculty research participation, 08797
Failure analysis of helicopter external cargo-handling systems, 00040
Fair credit reporting act, 05120
Fair hearings in public assistance, 04651, 10279
Fair housing, U.S.A., 01288, 10105
Fair labor standards amendments of 1974, 09773, 09890, 09946, 10637
Fair marketing of petroleum products act, 00205
Fair use of copyrighted works, 07582
Fall enrollment in higher education, 00296
Fall 1973 NTIS special interest publications, 03687
Fall water supply summary, 04734
Families and genera of hyperiidea (Crustacea, Amphipoda), 08205
Families with disabled parents under AFDC, 07033
Family contribution schedule for basic educational opportunity grant program, 07557
Family economics review, 01932
Family fare, guide to good nutrition, 00009
Family planning digest, 01933
Family planning services, 08318
Family planning services and population research amendments of 1973, 05168
Family-farm records, 07112
Family, poverty, and welfare programs, factors influencing family instability, 04034
Family, poverty, and welfare programs, household patterns and Government policies, 06207
FAR horizons, 01934
Farm and retail prices of beef, 09181
Farm Credit Administration statistical bulletin, 06600-1, 10008-9
Farm income situation, 06475
Farm index, 01935
Farm labor, 01936
Farm labor contractor registration act amendments of 1973, 09824
Farm machinery operations, 14 selected cooperatives, 06604
Farm mortgage lending, experience of 15 life insurance companies, Federal land banks, Farmers Home Administration, 04340, 05282
Farm policy issues of next decade, 03848
Farm production expenditures, 08242
Farm real estate debt, 1973, 06600
Farm real estate market developments, 05283-4
Farm real estate mortgages recorded, 10008
Farm real estate taxes, recent trends and developments, 06476
Farmer Cooperative Service, Service report, 06603-4
Farmers Home Administration rural housing program operations, 04105, 06476
Farmers' bulletins, 00008, 02812-4, 03849-50, 04775-8, 05936, 07112-3
Farming in the city's shadow, urbanization of land and changes in farm output in standard metropolitan statistical areas, 1960-70, 05928
Farming terraced land, 07118
Farmland tenure patterns in United States, 05927
Fast fracture resistance and crack arrest in structural steels, 08828
Fast pulse processing for gamma-ray spectors copy, 11073
Fatal and injury accident rates on Federal-aid and other highway systems, 09298
Father-son agreements for operating farms, 07113
Fathom, surface ship & submarine safety review, 01937
Fats and oils situation, 01938
Fats and oils, vegetable oil crushers, summary for 1973, 11328
Fats in food and diet, 05933
FBI, career opportunities, 03336
FCC in fiscal 1973, information bulletin, 05350
FCM series, 03666, 06972, 08143-4, 10311
FCS research report, 05341, 06602
FCST energy R&D goals study, 00359
FDA chemist, 10928
FDA clinical experience abstracts, 01939
FDA consumer, 01940
FDA drug bulletin, 01941
FDA information materials for food and cosmetic industries, 08580, 10064
FDA introduction to total drug quality, 07821
FDA microbiologist, 10929
FDD field report, 07652
FDL-(series), 03754-5
FdS series, 02013
Feasibility of developing procurement strategy for School of Military Sciences, officer input, 07140
Feasibility of flux force/condensation scrubbing for fine particulate collection, 07751
Feasibility of space disposal of radioactive nuclear waste, 10216

Feasibility of tapered roller bearings for main-shaft engine applications, 06017
Feasibility of total hydrocarbon analyzer for evaluating life of charcoal beds, 11207
Feasibility of using special measures in classification and assignment of lower mental ability airmen, 08883
Feasibility study for remote measurement of underwater currents using acoustic Doppler techniques, 04681
Feasibility study of new surface mining method 'longwall stripping', 10844
Feasibility study to determine fluorine content in quarpel-treated fabrics by analysis with 14 MeV neutron activation source, 04835
FED facts, 04950-1, 06108, 08322-3, 11333
Federal act to control expenditures and establish national priorities, 01004
Federal advisory committees, 07509
Federal aid to black colleges, 09261
Federal aid to predominately black colleges, 03311
Federal aid to school districts eliminating, reducing preventing minority group isolation, 01089
Federal aid to States, 04768
Federal and State commission jurisdiction and regulation of electric, gas, and telephone utilities, 09304
Federal and State standards for composition of milk products, 11294
Federal assistance for zoos and aquariums, 08518
Federal assistance programs of Environmental Protection Agency, 00347
Federal Aviation Administration, financial report, 1972 fiscal year, 11498
Federal Aviation Administration handbook, 08561, 09294
Federal aviation regulations, 01942-52, 04393, 08560, 10011-20, 10886-90, 11499
Federal budget control by Congress, 07574
Federal budget for 1975, 07387
Federal Bureau of Investigation annual report, 05345
Federal career directory, 00796
Federal census schedules, 1850-80, primary sources for historical research, 05644
Federal charters for energy corporations, 08493
Federal civilian manpower statistics, 02317
Federal coal mine health program in 1972, 08125
Federal Columbia River Power System, 1972, annual report, 03928
Federal Communications Commission, 01964
Federal Communications Commission public notices, news, 02459
Federal Communications Commission reports, 00358, 01954
Federal Communications Commission rules and regulations, 01955-64
Federal constitutional convention procedures, 00230
Federal constitutional convention procedures act, 03141
Federal Council for Science and Technology energy research and development goals study, report, 00359
Federal crime insurance against burglary and robbery losses, 09350
Federal crime insurance program, commercial and residential policies, 03426, 09351, 10907
Federal data banks and Constitutional rights, 10778
Federal disaster assistance program, eligibility handbook, 01289
Federal disaster assistance program, handbook for applicants, 00450, 08625, 10106
Federal disaster assistance program, handbook for State and Federal officials, 05448
Federal election campaign act amendments, 09044
Federal election campaign act of 1971 (Public Law 92-225) alphabetical listing of 1972 presidential campaign receipts, 04454
Federal election reform, 06304
Federal employee legislation enacted during 92d Congress, 09851
Federal employee legislation enacted during 93d Congress, 09852
Federal employees compensation act amendments of 1973, 06288
Federal employees compensation amendments, 10659
Federal employees' compensation act & related provisions, 05355
Federal Employees' Compensation Office pamphlet, 05355
Federal employees' group life insurance program, 09106
Federal Energy Administration, 05068, 06256
Federal Energy Administration act, 06390, 09039, 09164
Federal Energy Emergency Administration act, 06348
Federal Energy Office press releases, 02460
Federal Financing Bank, 00170
Federal Financing Bank act of 1973, 04078
Federal financing of urban mass transit equipment to protect private bus operators engaged in intercity charter service, 06325
Federal fire prevention and control act, 03197
Federal food inspection act, 1973, 07558
Federal food programs, 04243, 05171, 06402, 09955
Federal funds for research, development, and other scientific activities, 1972, 1973, 1974, fiscal years, 11190
Federal Grain Insurance Corporation, 05042
Federal guidelines, design, operation, and maintenance of wastewater treatment facilities, 07094
Federal guidelines, pretreatment of pollutants introduced into publicly owned treatment works, 08267
Federal Highway Administration press releases, 02461
Federal Home Loan Bank Board journal, 01965
Federal Home Loan Bank Board news, 02462
Federal hospital subsistence guide, 01063
Federal Housing Administration news, 02463
Federal impoundment control procedure act, 00189
Federal incentives for innovation, 08477
Federal information processing standards publication, 01418, 01966, 08753
Federal information systems and plans, 09837
Federal item identification guide, 00256-74, 01065-77, 03262-92, 04273-323, 05205-59, 06420-49, 07595-631, 08521-5, 09249-53, 09971-4, 11444-6
Federal item name directory for supply cataloging, 01967-8
Federal job information centers, directory, 06113
Federal labor laws, 01969, 11283
Federal labor relations programs, 06108
Federal labor-management consultant, 01970
Federal laws, regulations, and material relating to Federal Highway Administration, 08562
Federal manager's responsibilities under merit system, 09715

Federal manpower policy in transition, 11036
Federal manual for supply cataloging, 00252, 05198, 07589-91, 08519
Federal Maritime Commission decisions, 01971
Federal Maritime Commission news releases, 02464
Federal Maritime Commission orders, notices, rulings and decisions, 02409
Federal meteorological handbook, 06122-3
Federal milk order market statistics, summary, 01972
Federal motor vehicle safety standards and regulations, 00573
Federal motor vehicle safety standards and regulations with amendments and interpretations, 01973
Federal news clip sheet, 01974
Federal noxious weed act, 05049
Federal ocean program, annual report of President to Congress, 01535
Federal offenders in United States District Courts, 04769
Federal paperwork burden, 01053, 07575, 11431
Federal personnel manual FPM supplement, 01975-93, 02890, 06109-11, 07311, 11334-5
Federal plan for Marine Environmental Prediction, 04679
Federal plan for national climatic services, 08143
Federal plan for weather radars, 06972
Federal policy, plans, and organization for science and technology, 05084
Federal power act, 01207
Federal Power Commission reports, opinions, decisions and orders, 01995
Federal prisoners furlough, 04126
Federal probation, 01996
Federal procurement regulations, FPR amendments, 01997
Federal productivity, 11355
Federal programs for young children, review and recommendations, 07868-71
Federal R&D funding shows little change, though priorities shift, 03684
Federal R&D support to State and local governments gaining in emphasis, 03685
Federal reclamation projects, water and land resource accomplishments, 01539, 03719, 05769-70
Federal recordkeeping requirements for microwave oven dealers and distributors, 05386
Federal recreation fee program, 08147
Federal register, 01998
Federal register index, 01999
Federal regulation of trading in commodity futures contracts, 02898
Federal regulations governing hunting, possession, transportation and importation of migratory birds, 00656
Federal regulations governing hunting, seasons, limits and shooting hour, 04740
Federal reserve agents fund, tranactions, 02163
Federal Reserve Board Publications, 05369
Federal reserve bulletin, 02000
Federal reserve monthly chart book, financial and business statistics, 02001
Federal reserve par list, 02002, 03365
Federal Reserve press release, 02465
Federal Reserve System Board of Governors regulation series, 03374-7, 04416
Federal resources (funding and personnel) in energy related activities, 09218
Federal rules of evidence, 03094
Federal scientific and technical personnel increases slightly in 1972, health personnel gain sharply, 10344
Federal scientific, technical and health personnel, 03682
Federal service entrance examination, 03964
Federal standards, 00382-3, 01226, 05373-80, 06635-6, 0783-4, 09315, 10922-3
Federal supply classification, 07588
Federal supply classification handbook, 02005
Federal supply classification listing of DoD standardization documents, 00275, 02006
Federal supply code for manufacturers, 02004, 02007-9, 05197, 06415
Federal tax guide for survivors, executors and administrators, 03446
Federal test method standard, 10050
Federal Trade Commission calendar, 01696
Federal Trade Commission decisions, 03379, 11531
Federal Trade Commission decisions, findings, opinions, and orders, 00384, 01227-8
Federal Trade Commission news, 02466
Federal Trade Commission news summary, 02010
Federal trainer, 02011
Federal water information systems, 00433
Federal water resources research program for 1971, 05780
Federal-aid highway act, analysis, 08563, 10028
Federal-State cooperative program for population estimates, 00777, 03951, 04929, 06086-9, 07271-8
Federal-State-local finances, significant features of fiscal federalism, 05911
Federal-State-private cooperative snow surveys, 02003, 03744, 04735
Federalism in 1973, system under stress, 10486
Federally coordinated program of research and development in highway transportation, 00363-4, 01201, 06606
Federally supported attempts to solve State and local court problems, 10080
Fee licenses issued for month, 02012
Feed grain program, 02977
Feed situation, 02013
Feed-livestock economy of eastern Europe, prospects to 1980, 03309
Feedback, FAA aircraft program data, 01928
Feedback, Operation Breakthrough, compendium of building concepts, 11548
Feeding the elderly, 01049
Feedlot and ranch equipment for beef cattle, 00008
Fees, FAA regulations, 10890
Feline head-holder and body-restrainer for use in chronic visual electrophysiological research, 06823
Ferdinand Vandiveer and founding of Yellowstone National Park, 05430
Ferrous metallurgy in 9th five-year plan, 03518
Ferrous scrap export controls, 01018
Fertilization increases diameter growth of birch-beech-maple trees in New Hampshire, 06656
Fertilizer abstracts, 02015
Fertilizer marketing system in Mexico, 03802
Fertilizer situation, 09260
Fertilizer shortage situation, 06260
Fertilizer supply, demand, and prices, 10749
Fewer dollars, shrinking enrollments, fixed cost, new financial dilemma, 11457
FG series, 09246
FHA homes, 1970, data for States on characteristics of FHA operations under sec. 203, 01202

FHA insured loans for fire safety equipment in nursing homes and intermediate care facilities, 10610
FHA low cost housing trends of l-family homes, 02016
FHA monthly report of operations, 02017
FHA series, 07803
FHA trends of home mortgage characteristics, 02018
Fibrinolysis, thrombolysis, and blood clotting, 02019
Fiche index for nuclear dockets, 02852-3, 06040, 07230-1, 08304-5, 09698
Field evaluation of Honeywell analog water quality data collection system, 10383
Field evaluation of low-flow-rate carbon adsorption equipment and methods for organics sampling of surface waters, 10386
Field initiated studies and experimental projects in science education, 08796
Field investigation of emissions from combustion equipment for space heating, 01167, 04371
Field manual, 00737, 03907, 04831, 05994-5, 08288
Field measurements of particle size distribution with inertial sizing devices, 03321
Field studies on unsupported roof, York Canyon coal mine, Raton, N. Mex., 11069
Field surveillance and enforcement guide, 05961, 06578
Field water quality information along proposed trans-Alaska pipeline corridor, Sept. 1970-Sept. 1972, 04465
Fifteen-year results from 6 cutting methods in second-growth northern hardwoods, 08594
Fifth annual report on national housing goals, 04036
Fifth annual report, 1972, Alaska Power Administrtation, 00731
Fifth biennial HUD awards for excellence, 01290
Fifth entitlement period allocations with prior period adjustments, 11278
Fifth ocean, water resources of atmosphere, 03496
Fifth payment, entitlement period 4, 04758
Fifty birds of town and city, 08850
Fifty years of Uzbekistan public health and medicine, 01325
Fifty-third National report, Disabled American Veterans, 05022
Film cooling in combustor operating at fuel-rich exit conditions, 06894
Filmfare, catalog of films and filmstrips produced by Department of Housing and Urban Development, 09352
Filter spectrometer concept for facsimile cameras, 11132
Final bird washer design, specifications and evaluation, 08272
Final conference report for national conference on managing environment, 10849
Final data elements, entitlement periods 1,2 & 3, 04759
Final environmental statement concerning proposed rule making action, 00753-5
Final environmental statement for geothermal leasing program, 01309, 03438, 04503-4
Final environmental statement for prototype oil-shale leasing program, 01311-3
Final environmental statement, nationwide outdoor recreation plan, 10368
Final environmental statement, proposed 1974 Outer Continental Shelf, oil and gas general lease sale, offshore Texas, 10165, 11588
Final report of Tuskegee Syphilis Study Ad Hoc Advisory Panel, 11726
Final report on educational assistance to veterans, 00244
Finance companies, 02020
Finance rate and other terms on new and used car installment credit contracts, 02021
Finance rate and other terms on selected categories, 02022
Finance service of Soviet Armed Forces during war, 09387-8
Financial and operating statistics, 05495-6
Financial developments in 2d quarter of 1973, 00379
Financial institutions, reform and public interest, 03106
Financial markets, 00211, 07490
Financial planning in ambulatory health programs, announcement, 10102
Financial report, Atomic Energy Commission, 04900
Financial schools and property tax relief, State responsibility, 00001
Financial statements, for fiscal year ended June 30,1973, uranium enrichment activity, 07243
Financial statistics of institutions of higher education, 04347
Financial status of selected major weapon systems, 01246, 06681
Financial structure and regulation, 07468
Financing condominium housing, 05449
Financing mental health care in United States, 06957
Financing postsecondary education in United States, 05656
Finding aids, 00372
Finding and using natural enemies of gypsy moth, 04791
Finding, testing, distributing, using better plants, for land use, beauty, people, wildlife, livestock, 01556
Findings of 1970 AB study, financial circumstances, 05653
Fine pointing system for large space telescope, 08064
Finite element analysis and computer graphics visualization of flow around pitching and plunging airfoils, 01388
Finite element for thermal stress analysis of shells of revolution, 06859
Finite element method for thermal analysis, 06857
Fire accidents involving ignition of sleepwear worn by children under age of 3, 08103
Fire incidents involving sleepwear worn by children ages 6-12, 06923
Fire management, 02023
Fire prevention and control, 05086
Fire prevention and control act of 1973, 10761
Fire protection engineering, 06996
Fire safety, 09353
Fire safety for aging, 11402
First all-Union symposium, methods of representation and machine analysis of random processes and fields, 08673
First annual report of National Heart and Lung Advisory Council, 09533
First annual report on communicable diseade control activities, 00857
First Kentucky settlement commemorative stamp, 10479
First Ladies Hall, 03737
First panel discussion on private pension plan reform, 01028
First partaker of fruits, 03851

First report to Congress, resource recovery and source reduction, 07779
First year's experience at Miramar Drug Rehabilitation Center, 06822
Fiscal and ADP handbook, 09359
Fiscal policy and energy crisis, 04197, 05128-9, 07491
Fiscal year 1974, Air Force technical objective document, 00031
Fiscal year 1975 authorization for military procurement, 08471, 09189, 10751-4
Fish and wildlife miscellaneous, 04135, 07435
Fish disease leaflet FDL-(series), 03754-5
Fish distribution reports, 03756
Fish inventory data, 10469-70
Fish ladders for Lower Monumental Dam, Snake River, Wash., hydraulic and model investigations, 09267
Fish meal and oil, 02024
Fish sticks, fish portions, and breaded shrimp, 02025
Fish virology, procedures and preparation of materials for plaquing fish viruses in normal atmosphere, 03755
Fish-eye view of USA, 08876
Fisheries in western region of middle Atlantic Ocean, 05837
Fisheries, certain fisheries problems on high seas in Western areas of middle Atlantic Ocean, 00678
Fisheries, shrimp, agreement between United States and Brazil, 11780
Fishermen expectations and pay-lake profits, 06664
Fishery bulletin, 02026
Fishery facts, 05693, 09548
Fishery publications, lists and indexes, 00593-4, 01483, 06984
Fishery statistics of United States, 1970, 05694
Five new bomolochid copepods parasitic on Indo-Pacific clupeid fishes, 11761
Five year plan summary, East Germany, 09977
Five year plan summary, Romania, 05266
Fixed format lexicon for nuclear medicine reports, 11758
Fixed-base simulation study of decoupled controls during approach and landing of STOL transport airplane, 08053
Fixed-base simulation study of 2 STOL aircraft flying curved, descending instrument approach paths, 03599
Flaming Gorge, 04721
Flammability, odor and offgassing requirements and test procedures for materials in environments that support combustion, 11084
Flash floods, 10353
Flat glass, 00062
Flatpack soldering to solder-leveled printed wiring boards, 07220
FLC newsletter, 02027
Fleet marine Force manual FMFM series, 05568, 09452
Flexible hours employment, 05173
flight calibration tests of nose-boom-mounted fixed hemispherical flow-direction sensor, 05630
Flight determinined stability and control characteristics of M2-F3 lifting body vehicle, 08066
Flight evaluation of advanced control systems and displays on general aviation airplane, 11155
Flight evaluation of HL-10 lifting body handling qualities at Mach numbers from 0.30 to 1.86, 08071
Flight instructor, airplane, single-engine, multiengine, etc., 03384
Flight investigation of approach and flare from simulated breakout altitude of subsonic jet transport and comparison with analytical models, 11139
Flight investigation of effects of fan-in-fin yaw control concept on helicopter flying-quality characteristics, 08727
Flight investigation of structural mode control system for XB-70 aircraft, 03608
Flight monitor for jet engine disk cracks and use of critical length criterion of fracture mechanics, 06887
Flight results from study of aided inertial navigation applied to landing operations, 03600
Flight Reynolds number effects on contoured boattail nozzle at subsonic speeds, 09494
Flight services handbook, 02028, 03890, 05981
Flight study of vehicle operational status and monitoring system, 08072
Flight test data for Cessna Cardinal, 08025
Flight test guide, 01230-1, 03382-3
Flight test guide, instrument pilot, airplane, 00385, 10926
Flight test guide, private and commerical pilot, 00386, 0421
Flight test of pressurization system used to measure minor atmospheric constituents from aircraft, 08739
Flight velocity effects on jet noise of several variations of 12-chute suppressor installed on plug nozzle, 08043
Flight-control data needs, terminal display devices and ground system configuration requirements, 11149
Flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane, 11152
Flood damage prevention, bibliography, 09645
Flood disaster protection act, 04178, 08473
Flood hazard analyses, Passumpsic River, Lyndon, Vt., 00639
Flood plain information, Aptos, Trout and Valencia Creek, Santa Cruz County, Calif, 01112
Flood plain information, Big Buffalo Creek, Little Buffalo Creek, N.C., 01113
Flood plain information, Black Fork Creek, Tyler, Tex., 06501
Flood plain information, Buena Vista Creek, San Diego County, Calif., 01114
Flood plain information, Chicopee River, Springfield, Ludlow, Wilbraham & Palmer, Mass., 07687
Flood plain information, Collins River, Barren Fork, Hickory and Charles Creek, McMinnville, Tenn., 06502
Flood plain information, Farmers Branch and Rawhide Creeks, Farmers Branch, Tex., 07688
Flood plain information, Fisher Creek, Santa Clara County, Calif., 01115
Flood plain information, Fresno River and Cottonwood, Little Dry and Root Creeks, Calif., 01116
Flood plain information, Howell Creek and tributaries, West Plains, Mo., 06503
Flood plain information, Kenai River, Alaska, 00301
Flood plain information, Kit and Northeast Creeks, Research Triangle area, Durham and Wake Counties, N.C., 06504
Flood plain information, Mill Slough, Osceola and Orange Counties, Fla., 06505

Flood plain information, Oatka Creek, and Genesee River, town of Wheatland, Monroe Co., N.Y., 06506
Flood plain information, One Hundred and Two River, St. Joseph, Mo., 07692
Flood plain information, Onion Creek, Austin, Tex., 07693
Flood plain information, Pasquotank River, Charles Creek, Knobbs Creek, Knobbs Creek tributary, city of Elizabeth City, N.C., 07694
Flood plain information, Pearl River, Bogue Lusa and Coburn Creeks, vicinity of Bogalusa, La., 07695
Flood plain information, Pearl River-Neely Creek, Madison Counties, Miss., 00302
Flood plain information, Rapid Creek, Rapid City, S. Dak., 01117
Flood plain information, Roanoke River, Chocoyotte Creek, City of Roanoke Rapids, and Town of Weldon, N.C., 06507
Flood plain information, San Joe and Saint Maries River, Idaho, 01118
Flood plain information, San Antonio Creek and tributaries, vicinity of Ojai, County of Ventura, Calif., 06508
Flood plain information, San Felipe Lake, Pachico County, Calif., 01119
Flood plain information, San Lorenzo River, Calif., 00303
Flood plain information, Santa Clara River and Piru Creek, vicinity of Piru, Calif., 06509
Flood plain information, Soquel Creek, Santa Cruz, Calif., 01120
Flood plain information, South Santiam River, Lebanon, Oreg., 06510
Flood plain information, Sugar Creek, Little Creek and tributaries, vicinity of Brownsville, Tenn., 07696
Flood plain information, Tuscarawas River and adjacent tributary areas, Tuscarawas County, Ohio, 07697
Flood plain information, Uvas-Carnadero Creek, Pajaro River to Uvas Reservoir, Calif., 01121
Flood plain information, Van Duzen River, Humbolt County, Calif., 01122
Flood plain information, Vermilion River and tributaries in and near Lafayette, La., 06511
Flood plain information, White River, Polk Bayou and Millers Creek, Batexville, Ark., 07698
Flood plain information, Willamette River, Harrisburg, Oreg., 07699
Flood plain information, Williamson Creek, Austin, Tex., 07700
Flood plain information, Yakima River, Wash., 01123
Flood plain report, Polk County, Oreg, 11232
Flood problems in certain areas of Hackensack River basin, Saddle River basin, Passaic River basin, and Pompton River basin N.J., 00612
Flood profiles in Umpqua River basin, Oreg., 10944
Flood survey at proposed TAPS crossing of Yukon River near Stevens Village, Alaska, 10945
Floods and flood control on Mississippi, 05309
Floods in Allegheny County, Pa., 11461
Floods in Brownsville, Tenn., how to avoid damage, Sugar Creek and Little Nixon Creek watersheds, 06512
Floods in Clarksburg, W.Va., 00304
Floods in Elizabeth City, N.C., Pasquotank River and Charles Creek, Knobbs Creek and tributary, 06513
Floods in Keene, N.H., 00305
Floods in Orofino, Idaho, 00306
Floods in Research Triangle area, N.C., Kit and Northeast Creeks, 07701
Floods in Roanoke Rapids and Weldon, N.C., Roanoke River and Chockoyotte Creek, 06514
Floods in Sanford, N.C., Big Buffalo Creek and Little Buffalo Creek, 01124
Floods in vicinity of Hazard, Ky., 06515
Floods on Alamitos Creek, including Guadalupe Creek, Arroyo Calero and Santa Teresa Creek, Santa Clara County, Calif., 01125
Floods on Black Fork Creek, Tyler, Tex., how to avoid damages, 06516
Floods on Buena Vista Creek, Pacific Ocean to Vista, San Diego County, Calif., 01126
Floods on Carters Creek, Bryan and College Station, Tex., how to avoid damage, 11462
Floods on Chicopee River, Chicopee to Wilbraham Mass., 07702
Floods on Cibolo Creek, 00313
Floods on Collins River, Barren Fork, Hickory & Charles Creeks, McMinnville, Tenn., 06517
Floods on Farmers Branch and Rawhide Creeks, Farmers Branch, Tex., 06518
Floods on Geneseo Creek, 00307
Floods on James River, Howardsville to Scottsville, Albemarle County, Va., how to avoid damage, 11463
Floods on Johnson Creek and tributary, Chesterfield County, Va., how to avoid damage, 11464
Floods on Kenai River, Moose Range Boundary upstream to Moose River, Kenai Peninsula Borough, Alaska, 01127
Floods on Levy County coastline, 11465
Floods on Little Neshaminy Creek, Bucks County, Pa., 11466
Floods on Mechunk Creek, Albemarle County, Va., how to avoid damage, 11467
Floods on Mill Slough, Osceola County, Fla., 06519
Floods on North Creek, 00308
Floods on Oatka Creek and Genesee River, town of Wheatland, N.Y., 07703
Floods on Ohio River, Lawrence County, Ohio, 11468
Floods on Pearl River and Neely Creek, vicinity of Jackson, Miss., 01128
Floods on Pearl River, Bogue Lusa and Coburn Creeks, vicinity of Bogalusa, La., 07704
Floods on Proctors Creek, Chesterfield County, Va., how to avoid damage, 11469
Floods on Saint Joe and Saint Maries Rivers, vicinity of Saint Maries, Idaho, 01129
Floods on San Felipe Lake and Pacheco Creek, San Benito County, Calif., 01130
Floods on San Lorenzo River, Boulder and Bear Creeks, Santa Cruz County, Calif., 01131
Floods on Sarasota County coastline, 00309
Floods on South Santiam River near Lebanon, Oreg., 06520
Floods on Uvas-Carnadero Creek near Gilroy, Calif., 01132
Floods on Van Duzen River, Humboldt County, Calif., 01133
Floods on Vermilion River and tributaries, area of Lafayette, La., 06521
Floods on Walnut Creek, Austin, Tex., 07705
Floods on Wapsipinicon River and Malone Creek, Independence, Iowa, 00310
Floods on West Fork Des Moines River and Perkins Creek, Windom, Minn., 00311
Floods on Willamette River near Harrisburg, Oreg., 06522

Floods on Yakima River, Vicinity of Selah, Wash., 01134
Floods, Aptos, Calif., 01135
Floods, Dry Creek and tributaries, Roseville, Calif., 00312
Floods, flash floods, and warnings, 05719
Floods, Fresno River and Cottonwood, Little Dry, and Root Creeks, Madera, Calif., 01136
Floods, Roaring Fork River and Castle Hunter Creeks, 00314
Floods, San Antonio Creek and tributaries, vicinity of Ojai, Ventura County, Calif., 06523
Floods, Santa Clara River and Piru Creek, vicinity of Piru, Calif., 06524
Floods, Soquel Creek, Santa Cruz County, Calif., 01137
Floods, Williamson Creek, Austin, Tex., 06525
Florida, 02099
Florida Indian River grapefruit promotion, 07385
Florida landings, 02029
Flotation of carbonate minerals from unaltered phosphate ores of Phosphoria formation, 11059
Flotation of Marquette Range nonmagnetic taconite using innovative procedures, 07997
Flotation of pyrite from coal, pilot plant study, 01382
Flour milling products, 00063-4, 11327
Flow and chemical characteristics of Saint Johns River at Jacksonville, Fla., 01253
Flow measurement in base cooling air passages of rotating turbine blade, 11153
Flow of funds accounts, assets and liabilities outstanding, 10917
Flow of funds acounts, 1945-72, annual total flows & year-end assets and liabilities, 01221
Flow of funds, seasonally adjusted, 02030
Flow of funds, unadjusted, 02031
Flowering and fruiting of southern browse species, 05408
Flowers and foliage plants, production and sales, 11253
Flu, 06945
Flue gas desulfurization, answers to basic questions, 08285
Flue-cured tobacco market review, 1973 crop, 11288
Fluid milk and cream report, 02032
Fluidized-bed boiler combined-cycle power plant development, 07740
Fluorspar in 1972, 00535
Flutter analysis and testing of pairs of aerodynamically interfering delta wings, 03593
Flutter of elastically supported orthotropic panels including effects of flow angle, 11125
Flying training, air navigation, 02833
FM/CW radar signals and digital processing, 06980
FNS series, 00389-90, 01235, 10930
Food allergy, 01465
Food amendments of 1973, 06339
Food and agricultural exhibits throughout world, 04423
Food and agriculture export directory, 09328
Food and nutrition, 02034
Food and Nutrition Information Educational Materials Center, 08084
Food and nutrition, basic lessons for training extension aides, 03329
Food and other consumer price increases, 05008
Food buying guide for child care centers, 10930
Food composition table for use in East Asia, 03662
Food consumption prices expenditures, 05279
Food fish, market review and outlook, 02035
Food for young couple, 00720
Food is more than just something to eat, 05937
Food makes the difference, ideas for economy-minded families, 05949
Food moves on fuel, it takes 1 gallon of gas for 450 eggs, 08882
Food price changes, 1973-74, and nutritional status, 05172
Food price investigation, 04129
Food program, technical amendments, 08504
Food safety in kitchen, 09663
Food stamp facts, allotments and purchase requirements, 01235
Food stamp program, investigation and extension, 05045
Foodborne outbreaks, 04941
Foods of Rocky Mountain mule deer, 04446
Foot and mouth disease, biological-ecological aspects of problem, 08670
Footwear for men and women, Milford Shoe Co., Inc., 08863
Footwear for men and women, workers and former workers of Westland Shoe Corp., 11262
Footwear for men, former workers of Wall-Streeter Shoe Co., 08864
Footwear for women and misses, Criterion Footwear, Inc., Brooklyn, N.Y., 05865
Footwear for women and misses, Moxees Shoe Corp., Auburn, Maine, 05866, 07072
Footwear for women, Dee-Vee Footwear, Inc., 10460
Footwear for women, Forann Corp., Brooklyn, N.Y., subsidiary of Herbert Levine, Inc., New York, N.Y., 05867
Footwear for women, former workers of Gardena, Calif. plant of Sun-Cal Footwear, Inc., 10461
Footwear for women, M. Lauer, Inc., 05868
Footwear for women, misses, and children, Young Ones, Inc., 00701
Footwear for women, Nina Footwear Co., Inc., 08250
Footwear for women, Sbicca of California, Inc., 08865, 09630
Footwear for women, Zuckerman & Fox, Inc., New York, N.Y., 05869
For the fun of it and then some, 07124
Forces generated in ice boom structures, 07678
Forecasting gypsy moth egg-mass density, 06668
Forecasts of chemical, physical, and utilization properties of coal for technical and economic evaluation of coal seams, 11054
Foreign affairs research papers available, 02036
Foreign agricultural economic reports, 01085, 03309, 04341-2, 07653, 10805
Foreign Agricultural Service, miscellaneous, FAS-M series, 01236, 03385-6, 04423, 06639, 09328
Foreign agricultural trade of United States, 02037
Foreign agriculture, 02038
Foreign agriculture circulars, 02039
Foreign animal diseases report, 02040
Foreign assistance and related agencies appropriations for 1974, 03102, 04084, 05051
Foreign assistance and related programs, 09141
Foreign assistance and related programs appropriation act, 06194
Foreign assistance appropriations fiscal year 1974, 09758
Foreign assistance program authorizations, fiscal years 1974-75, and appropriations, fiscal year 1974, staff memorandum, 10699
Foreign Broadcast Information Service (FBIS), 03776

Foreign Claims Settlement Commission annual report, 01237
Foreign credits by United States Government, 00706, 08873
Foreign curriculum consultant program for American schools, colleges and State departments of education, 00297
Foreign direct investment program, 01238, 06640
Foreign direct investors in United States, list of foreign firms with some interest/control in American manufacturing and petroleum companies in United States, 03466
Foreign economic assistance, 00218
Foreign economic policy, 07398
Foreign economic trends and their implications for United States, 00474-91, 01317-9, 02041, 03467-82, 04530-7, 05487-92, 06746-58, 07899-902, 08639, 09374-82, 10139-47, 10981
Foreign exchange rates, 02042, 02043
Foreign experience with monetary policies to promote economic and social priority programs, 09058
Foreign income and taxes, 04519
Foreign indebtedness to United States, 01027, 05130
Foreign investment in United States, 10696
Foreign meat inspection, 05938
Foreign medical students in Americas, 07873
Foreign newspaper report, 02045
Foreign policy implications of energy crisis, 09766
Foreign programs for elderly, 08629, 09369
Foreign publications accessions list, 01291, 04494
Foreign relations of United States, 05012, 05817, 07368, 08233
Foreign sale of SS Independence, 10648
Foreign scholars and educational and cultural exchange visitors, 05472
Foreign service list, 02046
Foreign service retirement and disability system, 07499
Foreign tax credit for U.S. citizens and resident aliens, 03447
Foreign trade regulations of Arab Republic of Egypt, 06459
Foreign trade regulations of Belgium-Luxembourg, 00281
Foreign trade regulations of Japan, 05273
Foreign trade regulations of Netherlands, 04332
Foreign trade regulations of Turkey, 05268
Foreign versions, variations and diminutives of English names, foreign equivalents of United States military and civilian titles, 04500
Foreign visitor travel to United States can be increased, 04457
Foresight, Defense Civil Preparedness Agency, annual report, 10800
Forest and rangeland environmental management act, 06266
Forest area statistics for midsouth counties, 00421
Forest Bulletins, 07081
Forest fires in Missouri, 01241
Forest insect and disease conditions in United States, 05391
Forest inventory statistics, 03801, 07081, 11795
Forest pest conditions in Pacific Northwest, 00394
Forest pest control, 11425
Forest pest leaflet, 06641-2, 07823
Forest recreation research publications, 08582
Forest research news for the midsouth, 02048
Forest residues reduction program, 04430
Forest resource reports, 03394
Forest Service fire protection contracts, 11390
Forest Service general technical reports, 00395
Forest Service health and safety code, 07824
Forest Service reorganization and forestry programs, 01008
Forest Service research notes, 00397-411
Forest Service research papers, 00412-19
Forest Service resource bulletins, 00420
Forest Service telecommunications study, 04449-53
Forest soils bibliography for North-Central region (including subject matter index through 1972), 04431
Forestry bulletins, 03801, 11795
Forestry incentives act, 00916
Forestry research progress in 1972, McIntire-Stennis cooperative forestry research program, 06408
Forestry schools in United States, 09330
Forests forever, 01239
Form and guide letters, 08751
Format requirements for scientific and technical publications, 08546
Formation of radioactive particles in nuclear explosions, 00502
Formula for use in determining rail freight service costs, 05497
Fort Bowie National Historic Site, Ariz., 04685
Fort Collins Wastewater Treatment Facility, Fort Collins, Colo., 10875
Fort Donelson National Military Park, Tenn., 04686
Fort Point Historic Data Section, Fort Point National Historic Site, Calif., 01490
FORTRAN program for predicting off-design performance of centrifugal compressors, 06890
FORTRAN program to generate engine inlet flow contour maps and distortion parameters, 06852
FORTRAN programming for surface wave trains, 05732
FORTRAN programs for calculating velocities and streamlines on hub-shroud midchannel flow surface of axial-or mixed-flow turbomachine, 09500
Fortran 4 program for computing static deflections of structural cable arrays, 08174
Forty-fifth annual report of work and operations of Gorgas Memorial Laboratory, 08353, 08405
Forward-slanted slot throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-percent internal contraction, 10221
FOS series, 01938
Foundation support for mental health and related services, 09537
Four Corners Regional Commission press releases, 02467
Four decades past Dust Bowl, Great Plains today, 05950
Four H gets it all together, 01193
Four hundred and ninety-five billion dollar debt limit, 09925
Four newly named tongues of Eocene Green River formation, northern Piceance Creek basin, Colo., 05424
Four-hundred seventy-five point seven billion dollar debt limit, 04198
Fourteen ways U.S. Department of Commerce can help make your business more profitable, 08638
Fourth annual report of operations under Airport and airways development act, 10891
FPC news, 02049
FPC R series, 05362, 08567, 10032
FPC S series, 05363, 09304, 11508

Fractionation and characterization of natural organic matter from certain rivers and soils by free-flow electrophoresis, 01282
Fracture extension resistance of aluminum alloys in thin sections, 07004
Fracturing oil shale with explosives for in situ oil recovery, 11065
FRAME, on-line correction procedure for quantitative electron probe microanalysis, 04639
Framingham study, epidemiological investigation of cardiovascular disease, 01466, 08136
Francesco Petrarca, musical settings of his works from Jacopo da Bologna to present checklist, 10169
Franchise opportunities handbook, 06457
Franchising in the economy, 1972-74, 05275
Frank M. Scarlett Federal Building, 06243
Franking privilege for Members of Congress, 09109
Free-steam temperature, density and pressure measurements in expansion tube flow, 03598
Free agriculture, basis of prosperity and peace, 05939
Freedom of information, executive privilege, secrecy in Government, 05152
Freedom of information act, 09222
Freeport Harbor, Tex. (45-foot project), 09753, 09988
Freezing meat and fish in the home, 00010
Freezing technique for sampling streambed gravel, 05404
Freight commodity statistics, class 1 railroads, 06760
Freiheitsstatue Nationaldenkmal, 04687
Frequency stability specification and measurement, high frequency and microwave signals, 01419
Frequency standards and clocks, tutorial introduction, 11167
Fresh fruit and vegetable market news, 02050
Fresh fruit and vegetable unloads FVUS series, 09656-60
Fretting of nickel-chromium-aluminum alloys at temperatures to 816° C, 09508
Friction behavior of glass and metals in contact with glass in various environments, 08068
From highways to skyways, 00794
From I to we, 07300
From military service to health careers in Veterans Administration hospitals, 09654
From scientific research to atomic industry, 03502
From slogan to reality, severely handicapped in Federal service, 02891
From social security survey of institutionalized adults, 1967 report, 10410
From spaceships to orbiting stations, 06900
Frozen cooked food survey, 05265
Frozen fishery products, 02052, 10309
Fruit situation, 02053
Fruits, nuts, berries, 10533
FSHFA series, 05693, 09548
FSLIC, insured S&LA'S, 1972, combined financial statements, 05360
FTC packet, 10925
Fuel and needs of agriculture, 10898
Fuel availability and allocation in United States, 08436
Fuel for America's dairies, it takes more than cows to put milk in the store, 10497
Fuel shortage and Clean air act, 08508
Fuel shortages, hearings pursuant to S. Res.45, national fuels and energy policy study, factors contributing to current shortages of natural gas, crude oil, residual oil, refined products, 07519
Full committee briefing on German offset agreement, 10688
Full committee consideration of Committee on Armed Forces resolution recommending naming of new engineering complex at Naval Academy in honor of Vice Adm. Hyman G. Rickover, 09818
Full committee consideration of H.R. 10366, H.R. 10367, and H.R. 10369, 09053
Full committee consideration of H.R. 10586, to amend title 10 United States Code, 09820
Full committee consideration of H.R. 12565, to authorize appropriations during fiscal year 1974 for procurement of aircraft, missiles, naval vessels, tracked combat vehicles, and other weapons and research, 08383
Full committee consideration of H.R. 5621 [and other bills], 10686
Full committee consideration of privileged resolution H. Res. 379, concerning military actions in Cambodia and Laos, 09052
Full committee consideration of report of Intelligence Subcommittee regarding G. Gordon Liddy, 06274
Full committee consideration of S.J.Res.202, [and other bills] designating premises occupied by Chief of Naval Operations as official residence of Vice President, 11396
Full committee consideration of S.2770, to revise special pay structure relating to medical officers of uniformed services, 08382
Full-scale desulfurization of stack gas by dry limestone injection, 06554-6
Fully-scale wind-tunnel investigation of effects of slot spoilers on aerodynamic characteristics of light twin-engine airplane, 01406
Funds for research at State agricultural experiment stations, 08969
Fully proceduralized job performance aids, 09671-3
Fun with environment, 01175
Fund for improvement of postsecondary education, 06480
Fundamentals of hydroacoustics and hydroacoustic stations, 07927
Fundamentals of psychological analysis in preliminary investigation, 06778
Fungicides and nematicides, 00605
Further continuing appropriations, 03013
Fusion power, research and development requirements, 00046
Future and past Soviet and American space technology, 03524
Future directions in social security, 04181-2
Future importance of Taiwan and Republic of China to U.S. security and economic interests, 03107
Future of Appalachian coal, 08891
Future of environmental controls in agriculture, 10850
Future structure of uranium enrichment industry, 02956
Futures trading and open contracts in cotton and frozen concentrated orange juice, 02055
Futures trading and open contracts in potatoes, imported frozen fresh boneless beef and butter, 02056
Futures trading and open interest in regulated commodities on Chicago Board of Trade, 02057

G

GAIN, interactive graphics interface for circuit analysis programs, 02858
Gainesville compost plant, 09588
Game management on Federal lands, 00152
Gamma astronomy, 01327
Gamma-ray astrophysics, 08041
GAO publications, 09335
GAO report on analysis of cost of space shuttle program, 00164
GAO review, 02058
Gas cooled reactor technology, 06052-3, 10520-3
Gas flow analysis during thermal vacuum test of spacecraft, 06892
Gas requirements to pressurize abandoned deep mines, 00336
Gas turbine materials conference proceedings, 11701
Gas turbines today and tomorrow, 07928
Gas- and electric-powered central refrigeration systems for food distribution centers, evaluation, 02805
Gas-cooled reactors, HTGR and GCFBR, 11310
Gasoline and fuel oil shortage, 00114
Gasoline is made to explode, 07580
Gasoline, diesel, and heating oil shortages, 05081
Gasoline, more miles per gallon, 07085
Gastineau Channel Formation, composite glaciomarine deposit near Juneau, Alaska, 06697
Gastroenterology abstracts and citations (periodical), 02059
GE series, 04933
General Accounting Office policy and procedures manual for guidance of Federal agencies, 02060
General action, 09153
General aviation inspection aid, 00387, 02061, 07819
General bulletin, 1973, interpretive explanation and analysis of foreign direct investment regulations, 03387
General characteristics of additions to federally funded community mental health centers, 01457
General description of rotorcraft flight simulation computer program (C-81), 00743
General farm program, 00915
General farm program cotton provisions, 05048
General farm program dairy provisions, 05046
General foreign policy series, 03767, 05818, 08234, 08853, 09618, 11250
General form of co-moving tensorial derivative, 11660
General imports, cotton manufactures, country of origin and Geneva agreement catagory, 02693
General industry standards and interpretations, 04709-10, 10366
General information leaflet, 03624, 08085
General meeting of USSR Academy of Sciences, 08652
General observations on British new town planning, 10107
General revenue sharing, 01588-9, 08261
General rule-making procedures, 10886
General Services Administration news releases, 02468
General tax reform, 00171-4, 00947-53, 04153, 07456
General technical report, 03395-7, 04431-2, 06643, 07825-6, 08583-6
Generalized mechanism for describing atmospheric photochemical rections, 09280
Generalized procedures for use of plane strain and elastic-plastic fracture mechanics options in modernization of nuclear standards, 08170
Genetics of yellow birch, 08601, 10073
Genus Bacillus, 07107
Geochemical reconnaissance for gold in sedimentary rocks of Great Lakes region, Minnesota to New York, 03406
Geochemistry of liquids, gases and rocks from Smackover formation, 11072
Geodesy and aerial photography, 11015
Geoelectric characteristics of earth's crust and upper mantle, 06771
Geographic Base (DIME) File, CUE correction-update-extension, 07279-82, 08942-55
Geographic identification code scheme, 00760
Geographic Names Board gazeteers, 09343
Geographic profile of employment and unemployment, 01362
Geographical boundaries of several judicial circuits, alternative proposals, 03730, 07019
Geographical exploration and mapping in 19th century, survey of records in National Archives, 05543
Geohydrologic reconnaissance and study plan for water resources investigations in Baroda-Broach area, Gujarat, India, 04466
Geohydrology and water resources of Tucson basin, Ariz., 08619
Geologic structure analysis using radar imagery of coal mining area of Buchanan County, Va., 08005
Geologic structures in Gulf of Mexico basin, 01264
Geological Survey bulletin, 00430, 03406-7, 05417-24, 05597-8, 08610, 10940
Geological Survey circular, 05426-9, 07845, 09644, 10086, 10942-3
Geological Survey photographic library, 01254
Geological Survey press releases, 02469
Geological Survey research 1973, 07863
Geology and mineral deposits of Poncha Springs SE quadrangle, Chaffee County, Colo., 10948
Geology and water resources of Girdwood-Alyeska area, Alaska, 11539
Geology of Eocene rocks and oil yields of Green River oil shales on part of Kinney Rim, Washakie Basin, Wyo., 03561
Geology of Gravina Island, Alaska, 05422
Geology of Istaru quadrangle, Costa Rica, 03407
Geology of Montane zone of central Colorado, with emphasis on Manitou Park, 08600
Geology of Pulga and Bucks Lake quadrangles, Buttee and Plumas Counties, Calif., 08615
Geology of South Pass area, Fremont County, Wyo., 00437
Geometric design criteria and traffic operational experience on high speed freeways and interchanges, 00365
Geometric investigation of effect of viewing angle on ground resolution of satellite-borne sensors, 04828
Geometric method for prediction of stresses in inclusions, orebodies and mining systems, 09471
Geomorphology of Johnston Atoll, 03691
Geophysical equipment, 03501, 10998
Geophysics and space data bulletin, 02062
George C. Marshall Space Flight Center research and technology reports, 11085
Georgia landings, 02063, 08140, 09547
Geothermal energy, 08788
Geothermal energy act, 06395
Geothermal energy exploration, research and development, 10743

Geothermal energy research, development and commercial demonstration act, 09114
Geothermal energy research, development, and demonstration act of 1974, 09796
Geothermal energy, hearing before Subcommittee on Energy, H.R. 8628, H.R. 9658, 05087
Geothermal resources, 04219, 05147
Germanium point contact diodes from Japan, 03789
Germination analysis of excised embryo cylinders and whole acorns of water oak, 00404
Get credit for what you know, 08269
Getting drunk doesn't make you tall, etc., 08126
GF series, 02879, 04932, 04934, 06093
Glaucoma, 05661
Gleaning significant facts form passages, reading, 01091
Global market survey, 10148
Glossary of aquatic ecological terms, 03827
Glossary of commonly used biological and related terms in water and waste water control, 11724
Glossary of mapping, charting, and geodetic terms, 05260
Glossary of narcotics terms, 01326
Glossary of specialized Japanese terms, reference aid, 06785
Glossary of terms relating to petroleum industry, 08484
Glycerol interference in determination of crude fiber, fat, and moisture in intermediate moisture meat products, 04852
GNMA, Government National Mortgage Association annual report 1973, 07879
Gob pile stabilization, reclamation, and utilization, 00079
GOES geostationary operational environmental satellite, 09531
Gold movements, 02703
Gold-bearing gravel of ancestral Yuba River, Sierra Nevada, Calif., 10947
Good way to spend weekend, 03887
Government employees health benefits, 06251
Government employment GE series, 04933
Government finances GF series, 02879, 04932, 04934, 06093
Government in sunshine, response to subcommittee questionnaire, 09934
Government inventions for licensing, weekly Government abstracts, 02771
Government looks at privacy and security in computer systems, 06915
Government minority enterprise programs, 07449, 10714
Government National Mortgage Association mortgage-backed securities guide, 03427
Government paper specification standards, 02065
Government periodicals subscription services, 03716, 08818
Government reports announcements, 02066
Government reports index, 02067, 05716
Government workers, 00764
Government-supported research on foreign affairs, 09619-20
Government's ferrous scrap policy and future supply for foundry industry, 10802
Governmental finances in 1971-72, 04934
Governmental responses, 00239
Graduate medical education in U.S. Air Force, 05979
Graduate student support and manpower resources in graduate science education, 01496
Grain breakage caused by commercial handling methods, 04781
Grain crop quality, 07099
Grain market news, 02068
Grain stocks, 02069
Grain supplies and demand, 09182
Grand (Neosho) River investigation, Kansas, Oklahoma, Missouri, Arkansas, 10380
Grandparents Day, 01001
Grant-in-aid for fisheries, program activities, 04678
Grants administration manual, 02071, 04376
Grants administration manual circulars, 02072
Grants Administration, Dept. Staff manual, 02070
Grants for public health traineeships, 10097
Grants for research in education, 05674
Graphic notices and supplemental data airman's information manual, 01635
Graphic summary of 1970 population census, 04911
Graphical recoupling of angular momenta, 03633
Gravity gradients at satellite altitudes, 06988
Gray squirrels reproduce in 2-acre enclosure, 06650
Great field for a woman, 03659
Great Lakes, 05060
Great Lakes fisheries, annual summary, 00584
Great Lakes pilot, 1973, 00586, 05696
Greeley Wastewater Treatment Facility, Greely, Colo., 10866
Green coffee inventories, imports, roastings, 01836
Green scene, program of National Park Service, 05707
Greetings by Charles B. Saunders, Jr., 09347
Grids, computer mapping system, 08937
Grinding miniature pinion gears, 07217
Gross national product, growth rates and trend data by region and country, 11558
Ground control aspects of coal mine design, 10184
Ground control requirements for precision processing of ERTS images, 00434
Ground resistivity survey in area of Tennessee-Tombigbee Waterway, 01105
Ground water availability in Barre-Montpelier area, 00435
Ground water data in Santa Barbara and southern San Luis Obispo Counties, Calif., 11540
Ground water in Santa Barbara and southern San Luis Obispo Counties, Calif., 07846-7
Ground water pollution from subsurface excavations, 04377
Ground-based simulator input data for advanced tandem-rotor helicopters, 08294
Ground-water conditions during 1969, Vandenberg Air Force Base area, Calif., 07848
Ground-water outflow, San Timoteo-Smiley Heights area, upper Santa Ana Valley, southern California, 07849
Ground-water pumpage in parts of Merced, Madera, Fresno, Kings, and Tulare Counties, Calif., 07850
Ground-water pumpage in parts of Yolo, Sacramento, Solano, Sutter, Colusa and Napa Counties, Calif., 07851
Ground-water resources of Yucca Valley-Joshua Tree area, San Bernardino County, Calif., 07852
Group medical practice facilities, 06715
Group treatment for parents of handicapped children, 04576
Growing black walnuts for home use, 05944
Growing flowering annuals, 02815
Growing sour cherries, 05931

Growth and its implications for future, 09104, 10710
Growth of black walnut trees in 8 midwestern States, provenance test, 04442
Growth potential of corn production in Western Europe through 1975 and 1980, 01085
GSA 1973, perspective, mission, directions, 06696
GSA stock catalog, 05381
GSA supply catalog, 02074
Guaranteed student loans, 09769
Guard allotments for commercial life insurance premiums, 09190
Guidance and information on nuclear weapons, accident hazards, precautions, and emergency procedures, 04897
Guidance for facilities planning, 07771
Guidance for selection of equipment fleet, 06499
Guidance for sewer system evaluation, 08877
Guide for communities planning civilian reuse of Defense installations, 07649
Guide for conducting State and community surveys of ambulance services and hospital emergency departments, 10103
Guide for control of Government property by contractors, 11484
Guide for discretionary grant programs, 11577
Guide for evaluation of atmospheric analyzers, 10851
Guide for operation of instructional improvement implementation projects, pre-college education in science, 11191
Guide for preparation of mobile homes for movement, 04864
Guide for preparation of proposals, 08789-90, 08792, 08794-9
Guide for reviewing subdivision plans, 00640
Guide to airborne, impact, and structureborne noise control in multifamily dwellings, 08565
Guide to budgeting for retired couple, 00721
Guide to collection and indentification of presmolt Pacific salmon in Alaska with illustrated key, 08145
Guide to collection of Hungarian political and military reocrds, 1909-45, 00556
Guide to computer simulations of 3 adaptive instructional models for advanced instructional system phases 2 and 3, 09665
Guide to Federal laws prohibiting sex discrimination, 08320
Guide to hardwood log grading, 01240
Guide to history of cartography, annotated list of references on history of maps and mapmaking, 03545
Guide to job placement of mentally retarded, 10372
Guide to networking terminology, 10271
Guide to NIH research contracting process, 05687
Guide to NRL cleaning and salvaging techniques for reclaiming equipment contaminated with seawater, oil, and smoke deposits, 00602
Guide to programs, National Science Foundation, fiscal year 1974, 08153
Guide to record retention requirements, 07811
Guide to Rural development act, 06357
Guideline manual, financial management for planning and action grants, 08675
Guidelines for agency internal evaluation of equal employment opportunity programs, 07315
Guidelines for chief of police, 04552
Guidelines for community programs in high blood pressure detection and control, 10283
Guidelines for community relations personnel, 00515
Guidelines for health services research and development, 04488-92
Guidelines for improving juror utilization in United States District Courts, 03342
Guidelines for intelligence personnel, 04553
Guidelines for minimum statistical and accounting system for community metal health centers, 08132
Guidelines for national nutrition policy, 09233
Guidelines for patrol commander, 04554
Guidelines for producing uniform data for health care plans, 03651
Guidelines for staff development, 00622
Guidelines to career development for waste water plant personnel, 08547
Guides to German records microfilmed at Alexandria, Va., 11676
Guinea-Portugues Guinea, 07046
Guinea, colored map, 03957
Gulf Coast shrimp data, 02076, 11179
Gunner's mate M 1 & C, 01503
Guyana [colored map], 02885
Gyromagnetic compression of powerful relativistic defense tubular electron fluxes, 01340
Gyroscopes, 08667
Gyroscopic instruments, 01341
Gyrostabilized marine gravimeter, 00501

H

H.R. 3153, social security amendments of 1973, 09008
H.R. 8949, act to amend title 38 of United States Code relating to basic provisions of loan guaranty program for veterans, 00092
H.R.11864, Solar heating and cooling demonstration act of 1974, 09857
H.R. 12341, act to authorize sale of former Foreign Service consulate building in Venice to Wake Forest University, 09005
H. V. Eastman Lake, 09025
Hagerman National Wildlife Refuge, 05808
Hale Boggs Federal Building, 03081
Hallmark (periodical), 02078
Hand-operated plastic pistol-grip liquid sprayers from Japan, 11792
Handbook for divers, 03515
Handbook for home, 04779, 05015
Handbook for monitoring industrial wastewater, 03799
Handbook for veterans benefits counselors, 09653
Handbook of agricultural charts, 02809
Handbook of correctional psychiatry, 05760
Handbook of noise ratings, 10207
Handbook of occupational groups and series of classes, 02079, 06112
Handbook of psychiatric rating scales, 05679
Handbook on community corrections in Des Moines, 04557
Handbook on railroad retirement and unemployment insurance systems, 00609
Handbook X-118, 02514
Handcranks and handwheels, 07611
Handicapped and elderly market for urban mass transit, 11281
Handicapped child in your home, 06103
Handicrafts, 01547
Handling and space costs for selected food wholesalers in urban food distribution centers, 04782
Handling peanuts with bucket elevators, 00005

564-800 O - 75 - 39

Hardboard siding, 09525
Hardwood plywood, 00768
Harkness collection in Library of Congress, 11031
Harpers Ferry National Historical Park, 09172
Hashish smuggling and passport fraud, Brotherhood of Eternal Love, 07540
HASL procedures manual, 06042
Hatchery production, 09625
Havasu National Wildlife Refuge, 05809
Have sparkling clean kitchen sink, 03871
Hawaii and U.S. Pacific Islands surface commerce act of 1973, 06376, 11432
Hazard associated with sublimation of solid carbon dioxide (dry ice) aboard aircraft, 10892
Hazardous devices course, 00517
Head Start newsletter, 02081
Head Start planned variation study, 07303
Headquarters, Department of the Army chiefs and executives, 02082
Health and Safety Laboratory fallout program, quarterly summary report, 03924, 04884, 06041
Health and Safety Laboratory fallout program, quarterly summary report, appendix, 03925, 10519
Health aspects of pesticides, abstract bulletin, 02083
Health aspects report, Buckhorn Reservoir project, Contentnea Creek, N.C., 11727
Health benefits, 07568
Health benefits coverage, supplemental to medicare program, 09107
Health characteristics, by geographic region, large metropolitan areas, and other places of residence, United States, 1969-70, 08108
Health delivery trends, ambulatory care, 04976
Health, Education, and Welfare regulations for health services 1973, 07559
Health facilities series, 06709
Health insurance for aged, hospital and skilled nursing facility admissions, fiscal year 1972, 11231
Health insurance for aged, monthly reimbursements per person by State, 09610
Health insurance for the aged, 00635, 08842
Health insurance statistics, 03738
Health insurance statistics, HI series, 09610, 10296, 10411-5, 11231
Health insurance under social security, 05798, 10423
Health legislation, 1973, 00234
Health maintenance organization act, 04999, 05101, 06226, 09947
Health of American Indian, 04577
Health physics in healing arts, 05765
Health professions special project grants, 10098
Health programs extension act, 00939
Health resources statistics, 04647
Health revenue sharing and health services act of 1974, 10676
Health services reports, 02084
Health services research, health statistics, and medical libraries act of 1974, 08358-9, 09892
Health statistics today and tomorrow, 00565
Hearing aids and the older American, 08465
Hearing before United States Commission on Civil Rights, 10550
Hearings before Special Subcommittee on Disciplinary Problems in Navy, 05053
Hearings before Subcommittee No.4 on H.R.8593, 06275
Hearings before Subcommittee on Compensation and Employment Benefits, 07568
Hearings on H.R. 6241, Constitutional oath support act, 00139, 09839
Hearings on H.R.9429 and S.2166, disposal of opium from national stockpile, etc., 06277
Hearings on military posture and H.R. 12564, 09055
Hearings on proper classification and handling of Government information involving national security, 09817
Hearings on substate regionalism, 11287
Heart rots of central region hardwoods, 07823
Heating and cooking equipment, 00769, 10540
Height and weight errors in aeromedical certification data, 07248
Height variation along sea ice pressure ridges and probability of finding holes for vehicle crossings, 05304
Helena National Forest, 03398
Helicopter drive system load analysis, 07200
Helicopter gross weight and center for gravity measurement system, 06021
Helicopter inspection design requirements, 02841
Helicopter transmission modularization and maintainability analysis, 07195
Help for environmental programs, 08279
Help the environment and help yourself, 08637
Helping low-income families improve diets, 11494
Helping schools help children, 06955
Hematologic responses to severe decompression stress, 04579
Hemophilia act of 1973, 09948
Hemopoiesis in culture, 08762
Henry Rowe Schoolcraft, register of his papers in Library of Congress, 06811
Hepatitis, 06946, 08957
Hepatitis surveillance, reports, 02085
Herald of communications, 02086
Herbert Hoover Memorial Educational Building, 03223
Hetch Hetchy Reservoir quadrangle, Yosemite National Park, Calif., analytic data, 06702
Heuristic routing for solid waste collection vehicles, 10862
HEW news, 02470
HF high-power vertically directed array for ionospheric modification, 06124
Hierarchial decomposition-multilevel analysis approach to scoping and formulation of programs, 07016
High frame rate underwater camera system, 06050
High pressure argon ionization chamber systems for measurement of environmental radiation exposure rates, 02854
High School news service report, basic facts edition, 00276, 07632
High seas oil port act, 06246, 09041
High seas storm information services, 08807
High-level radioactive waste management alternatives, 10528
High-strength nonmagnetic alloys, 06766
High-temperature contact nucleation of supercooled water by organic chemicals and appendix of compounds tested, 08178
High-temperature dielectric properties of candidate space-shuttle thermal-protection-system and antenna-window materials, 11129
High-velocity-oxidation performance of metal-chromium-aluminum (MCrAl), cermet, and modified aluminide coatings on IN-100 and type TYPE VIA alloys at 1093° C, 09505
Higher education loan programs, 10693
Higher education personnel training programs, 1972-73, 09978

Higher education, 1970-71, associate degrees and other formal awards below baccalaureate, 00294
Highland Heights experiment, final report, 01292
Highlights of exports and imports, 02702
Highlights of 1973 changes in tax law, 06737
Highlights of MarAd port activities, 02088
Highly efficient supersonic nonequilibrium MHD generator, 07909
Highway and its environment, 03338
Highway and urban mass transportation, 02089
Highway safety, design and operations, 00159, 00161
Highway safety literature, semi-monthly abstract journal, 02090
Highway safety program manual, 11172
Highway safety program standards, 03661
Highway safety workshop for traffic court judges, 06944, 08119
Highway statistics, 05358
Hiring persons with hearing impairments, 05758
Historic flood information for northern California streams from geological and botanical evidence, 04473
Historic preservation in San Francisco's inner mission and take walk through mission history, 07880
Historic resources study (series), 01488-9
Historic sites along Oregon Trail, 01489
Historic structure reports (series), 01490
Historical and archeological data preservation, 04112
Historical base maps series, 05708
Historical chart book, 01222
Historical guide to Federal water pollution control laws affecting food processing, 07650
Historical materials in Herbert Hoover Presidential Library, 10263
Historical study, 08187
History and development of psychiatry in USSR, 00506
History and future of spark ignition engines, 04258
History and operation of House majority whip organization, 00116
History of geologic investigations, engineering design, and construction methods of Harold D. Roberts Tunnel, Colo. 07862
History of manned space flight, 08708
History of Northeastern Forest Experiment Station, 1923-73, 03396
History of salmon in Great Lakes, 03758
History of Salmon National Forest, 06644
HLH ground support equipment (GSE) preliminary investigation, 00746
Hogs and pigs, 00698, 08243
Hogs and pigs, inventories, sows farrowing, pig crop, 08855, 11783
Holding company system regulatory act, 04069
Holdings of selected public employee retirement systems, 02091
Holographic and ultrasonic detection of bond flaws in aluminum panels reinforced with boron-epoxy, 11665
Holography, Survey, 08717
Home and garden bulletins, 00009-11, 03852, 04780, 00720-1, 02815, 07114-7, 05940-2
Home businesses, 08831
Home energy saving tips from NBS, 11163
Home health care, 06354
Home health services in United States, 07462
Home mortgage insurance, 10108
Home treatment of fence posts, 07082
Home-buying veteran, guide for veterans planning to buy or build homes with GI loan, 05902
Homemaker/home health aide services in United States, 07341
Homemaking around world, 11559
Honduras, colored map, 03958
Honey market news, 02092
Hong Kong., 05488
Hop stocks, 08856
Horizons in space biology and medicine, 06765
Hormingas blancas, plaga y moho, inseccione su casa contra los insectos y la podredumbre, 08626
Horse protection act of 1970, 07485
Horse racing commemorative stamp, 10480
Horticultural specialities, 10534
Hospital cost controls, 05074
Hospital inpatient treatment units for emotionally disturbed children, United States, 11686
Hospital mergers, 04490
Hospital services for selected chronic disease patients, 07874
Hospitals, county and metropolitan area data book, 04648, 09527
Hourly precipitation data, 02094-8, 02100-37
Hours of duty, pay and leave, annotated, 01993, 06111
House document, 00086, 00116-7, 00849-57, 02957-61, 02964-5, 02971, 04035-43, 05012-29, 06209, 06211-7, 06219-23, 07368-9, 07371-2, 07374, 08350-3, 08405, 09013-24, 09121, 09739-55, 10594-603, 11356-60
House of Representatives, exclusion, censure and expulsion cases, 09009
House report, 00119, 00858-914, 02966-3099, 04044-79, 05030-40, 06224-58, 07375-84, 08354-75, 09025-43, 09756-7, 09759-98, 10604-8, 10610-76, 11361-89
Household cleaners, 10921
Household consumption survey, 1965-66 report, 11295
Household expenditures on cars and selected new household durables, 06092
Housing and community development act, 08455
Housing and community development legislation, 06281-2
Housing and planning references, 02138
Housing and urban development act of 1973, 09059
Housing and urban development in Latin America comparative construction costs in Latin America, 05450
Housing and urban development legislation, 01019-20
Housing and urban development trends, 02139
Housing authorized by building permits and public contracts, 01801
Housing completions, 01802
Housing in the seventies, 06282
Housing, purchasing home from HUD, 09354
Housing starts, 01803
Housing units authorized for demolition in permit-issuing places, 08941
Houston Ship Channel, Galveston Bay, Tex., 00319
How discrimination complaints system works, 04951
How effective are your community recreation services? 04712
How health professions students finance their education, 05440
How income supplement can affect work behavior, 06208

How the Board views service corporations, 06611
How to buy beef roasts, 05942
How to buy surplus personal property from Department of Defense, 05261
How to buy, lesson aids for teachers, 07109
How to clean and defrost refrigerator, 03874
How to clean bathroom, 03863
How to clean floors, 03868
How to clean rugs and carpets, 03869
How to clean walls, ceilings, woodwork, 03864
How to do business with DHEW, 10093
How to find U.S. Statutes and U.S. Code citations, 07434
How to improve procurement and supply of drugs in Federal Government, GAO report, 06682
How to obtain consideration for architect-engineer contracts with Department of Defense, 04324
How to pay for your health career education, guide for minority students, 06710
How to prepare and process U.S. Government bills of lading, 08577
How to put drug abuse information program on wheels, 01456
How to start energy management program, 04970
How well are fluctuating exchange rates working?, 05007
How you can handle pressure, 05680
How 45 selected jurisdictions view revenue sharing, 11435
Howell Creek floods in West Plains, Mo., 06526
Hoy, newsletter, 02141
HSMHA supervisor's guide on alcohol abuse, 01200
Hub, actuator, and control designs, 07180
HUD challenge, 02142
HUD guide series, 06716, 10109-10
HUD handbook, 01293, 03427-9, 05451-62, 06717-9, 06720-3, 07881-8, 08627-8, 09355-68, 10111-21, 10964-6, 11550-1
HUD international brief, 06724, 07889
HUD international information series, 11552
HUD international special supplement, 08629, 09369
HUD minimum property standards, 06725-7
HUD news, 02471
HUD newsletter, 02143
HUD training handbook, 06728
HUD-assisted housing maintenance guide on painting, 06716
HUD-FHA comparison of cooperative and condominium housing, 08630
HUD-FHA non-assisted program for rental housing for moderate income families, 08631
HUD-FHA underwriting analysis handbook, 05451
HUD-space-science-veterans appropriations for 1975, 09811-2, 10681-2
Hudson Bay and upper Mississippi River basins, upper Mississippi River basin below Keokuk, Ia., 01284
Human behavior and leadership, 00603
Human factors evaluation of submarine escape, 09456
Human health and progress, USSR study, 08658
Human immunoglobulins and their role in infectious pathology, 04547
Human needs, 02144
Human resources and personnel cost data in system design tradeoffs and how to increase design engineer use of human data, 07148
Human resources sensitivity to system design tradeoff alternatives, feasibility test with jet engine data, 09667
Human rights in world community, call for U.S. leadership, 08389
Human self-development in confinement, 06002
Human self-development, our moral heritage, 07170
Human self-development, soldier and his world, 06001
Human touch, 07665
Humanity and food resources, 06780
Humanizing the earth, 05924
Hungarian claims legislation, 09068
Hunger 1973 and press reaction, 04244
Hunters at regulated plant-and-shoot pheasant areas in western Washington, 05400
Hunting regulations, 00656, 04740
HYDES, generalized hybrid computer program for studying turbojet or turbofan engine dynamics, 11654
Hydraulic model investigations, 00319
Hydraulic model studies of chute offsets, air slots, and deflectors for high-velocity jets, 03724
Hydraulic model studies of low-level outlet works, LG-2 development, Quebec, Canada, 08826
Hydraulic research in United States and Canada, 06911
Hydraulic testing accompanying drilling of five exploratory holes, Piceance Creek basin, Colo., 04467
Hydraulic tests in hole UAe-2, Amchitka Island, Alaska, 04468
Hydraulic turbine index tests, flow determined from Winter-Kennedy taps, 10396
Hydroacoustic telemetry, 04549
Hydroacoustical measurements in oceanology, 05540
Hydrofluidic yaw SAS analysis design and development, 08296
Hydrogen and other synthetic fuels, 00044
Hydrogen peroxide cures filamentous growth in activated sludge, 07760
Hydrogeologic characteristics of valley-fill aquifer in Brighton Reach of South Platte River Valley, Colo., 01255, 04469
Hydrogeology of glacial drift, Mesabi Iron Range, northeastern Minnesota, 06708
Hydrograph analysis, 05310
Hydrograph simulation models of Hillsborough and Alafia Rivers, Fla., 01256
Hydrologic conditions during 1971 in Dade County, Fla., 01257
Hydrologic data for experimental agricultural watersheds in United States, 04788
Hydrologic reconnaissance of streams and springs in eastern Brooks Range, Alaska, 04470
Hydrostatic testing of syntactic foam in mineral oil, 07001
Hydrothermal alteration associated with beryllium deposits at Spor Mountain, Utah, 01266
Hypercom-80 TM system for direct modeling of complex systems by method of considering groups of arguments, 03500
Hypersonic aerodynamic characteristics of all-body research aircraft configuration, 05620
Hypersonic aerodynamic characteristics of family of power-law, wing-body configurations, 06881
Hypochlorination of polluted stormwater pumpage at New Orleans, 06568

Hypolimnion aeration with commercial oxygen, bubble plume gas transfer, 09996

I

I & N reporter, 02145
Ice and thermal regime of reservoir in 1st operating years of Krasnovarsk ges, 03525
Ice Harbor Dam, Snake River, Wash, 09266
Ice protection investigation for advanced rotary-wing aircraft, 04876
Icebreaking by tow on Mississippi River, 05299
Iceland, colored map, 00072
Idaho-Washington resource conservation and development project, 10425
Ideas, plans, methods, or systems, 00248
Identical bidding in public procurement, report of Attorney General under Executive Order 10936, 01348
Identification and control of honey bee diseases, 03850
Identification and control of pollution from salt water intrusion, 00724
Identification and registration marking, 10012
Identification of DDT and dieldrin in rivers, report of National Water Quality Network, 09589
Identification of tasks sensitive to hyperbaria with determination of time interval effects on performance, 07963
Identification of virulence genes in agents of brown and yellow wheat rusts, 05516
IDOE, International Decade of Ocean Exploration, progress report, 04353
If America is to grow up thinking, reading is fundamental, 10407
If you're self-employed, reporting your income for social security, 03739
IFR aircraft handled, forecast by Air Route Traffic Control Center, 1974-84 fiscal years, 11500
IFR off-airway routes, 10504
Ignition, 11204
Illinois River, 03399
Illustrative projections of money income size distributors for families and unrelated individuals, 07267
Image interpretation equipment catalog, 04695
Image optics, 08099
IMCO conference on marine pollution from ships, 07483
Immigrants and American labor market, 07956
Immigration and nationality act amendments, 02988
Immigration and naturalization report, 09900
Immigration and Naturalization Service regional office operations, 00934, 04106, 07411
Immigration and Naturalization Service report of passenger travel between United States and foreign countries, 03434
Immigration of scientists and engineers drops sharply in fiscal year 1973, physician inflow still near fiscal year 1972 peak, 11196
Immovable feast, 05108, 06360
Immunities of foreign states, 00149
Immunology research, introduction, 00575
Impact of auto emission standards, 04259
Impact of cost-sharing on use of ambulatory services under medicare, 03738
Impact of currency realignment on U.S. exports to Germany, 06759
Impact of defense cutbacks on American communities, 09240
Impact of devaluations on changes in United States foreign trade, 03793
Impact of environmental standards on small business, 09120
Impact of Federal policies on employment, poverty, and other programs, 00235, 04237-8, 06399
Impact of foreign investment in United States, 10763
Impact of fuel controls on small firms, 07576
Impact of fuel shortage on agriculture, 01009
Impact of genetics, 05675
Impact of granting most favored nation treatment to countries of Eastern Europe and People's Republic of China, 10464
Impact of motor gasoline lead additive regulations on petroleum refineries and energy resources, 08548
Impact of October Middle East War, 06295
Impact testing of materials using 8-inch air gun and computer reduction of data, 09696
Impacts of domestic and foreign food programs on U.S. agricultural economy, 01047
Impacts of transportation control strategies on Los Angeles air quality, 00329
Impeachment inquiry, its meaning, 08420
Impeachment, selected materials, 00940
Impediments to employment, 10409
Implementation of Noise control act of 1972, 08512
Implementation of Rural development act, 01010, 06259
Implementation of transportation controls, 08511, 09963, 10792
Implementation of U.S. arms embargo against Portugal and South Africa, 00928
Implementing United States-Hungarian claims agreement, 11384
Implications for U.S. international legal obligations of presence of Rhodesian Information Office in United States, 04098
Implications of recent organization of petroleum exporting countries (OPEC) oil price increases, 07523
Importance of local initiative in environmental management, 10852
Important native grasses for range conservation in Florida, 11233
Importation of Rhodesian chrome, 00219
Imported fire ant, rural and residential pest, 03859
Imports, commodity by country, 02694
Imposition of capital punishment, 04233
Impoundment control and 1974 expenditure ceiling, 02974
Improved circumferential shaft seal for aircraft gear transmissions, 06853
Improved design to reduce costs, 00364
Improved Federal and States programs needed to insure purity and safety of drinking water in United States, 06683
Improved highway design and operation for safety, 01201
Improved incubator for salmonids and results of preliminary tests of its use, 05699
Improved manpower management in Federal Government, 08363
Improved material utilization and durability, 00363
Improved method for design of expansion-chamber mufflers with application to operational helicopter, 00553
Improved radiofrequency power standards, 07216
Improved system for estimating value of western white pine, 07832
Improved work directors, 07215

Improvement of trout streams in Wisconsin by augmenting low flows with ground water, 05438
Improvements needed in managing nonexpendable end-item equipment in Air Force, GAO report, 07840
Improvements needed in program for protection of special nuclear material, GAO report, 06684
Improving age discrimination law, 00194
Improving congressional control of budget, 06391
Improving coordination of Federal reporting services, 08488
Improving dissemination and use of scientific and technical information, 08800
Improving effectiveness of Government employees' incentive awards program, 06685
Improving elementary and secondary education in natural sciences, social sciences, mathematics, 10340
Improving environment in Pennsylvania, 01557
Improving environment resources conservation in Vermont, 03745
Improving marketing systems in developing countries, approach to identifying problems and strengthening technical assistance, 07653
Improving our environment, 04599
Improving outreach and effectiveness of DOD reviews of discharges given service members because of drug involvement, 06686
Improving police/community relations, 09433
Improving receiving of tobacco at auction warehouses, 05921
Improving shell eggs packing plants, 08880
Improving the environment, resources conservation in Vermont, 03745
Improving your community's emergency response, introduction to disaster planning, 06414
Interim decisions, Immigration and Naturalization Service, 02165
In situ retorting of oil shale, results of 2 field experiments, 03564
In-flight and laboratory-vacuum friction test results, 06880
In-flight performance of civilian pilots using moving-aircraft and moving-horizon attitude indicators, 07247, 07247
In-flight stabilization of externally slung helicopter loads, 06010
In-process pollution abatement, metal-finishing facilities, 0886803802
In time of emergency, citizen's handbook on disasters, 09247
Inactive names of Bureau projects and major structures, 05768, 05771
Inaugural addresses of Presidents of United States, 09742
Incense-cedar, American wood, 03389
Incentive awards notes, focus on reporting results, 04952
Incidence loss for core turbine rotor blade in two-dimensional cascade, 09493
Incinerators, 03914
Inclusion of known integrals in optimal trajectory problem, 08078
Inclusive tour charter transportation, 06377
Inclusive tour charters, 03152
Income limits for sec.221(d)(3) below-market interest rate housing and exception limits for sec. 235-236 housing, 07888
Income limits for HUD subsidized housing programs, 09358
Income limits for rent supplement housing, 09365-7
Income of farm wageworker households in 1971, 07105
Income tax deduction for contributions, 04512
Income tax deduction for interest expense, 03448
Income tax deductions for taxes, 03449
Increase in tobacco marketing quotas, 09045
Increase of temporary limit on public debt, 03066, 03242, 09906, 10665
Increased special and bonus pay for military physicians, 07466
Increases in certain annuities, 02987
Increasing crude protein content of forage with atrazine on shortgrass range, 04792
Increasing of Government contributions for Federal employees health benefits, 02986
Increasing outstanding loan ceiling of Small Business Administration, 04089
Increasing production from Elk Hills Naval Petroleum Reserve, 04043
Indefinite grade retention benefits, 08426
Indemnification for loss or damage to exhibition of archeological finds of People's Republic of China, 09899, 11383
Independent health insurance plans in 1972, preliminary estimates, 11769
Independent special prosecutor, 04074
Independent special prosecutor act of 1973, 06334
Independent truckers and energy crisis, 08413
Index-catalogue of medical and veterinary zoology, 00712
Index medicus, 02147
Index of dermatology, 02149
Index of equine research, 03853
Index of Federal specifications and standards, 02150, 07815
Index of materials, parts, and appliances certified under technical standard order system, 03333
Index of patents issued from Patent Office, 1972, pt. 1, list of patentees, 05754
Index of patents, issued from United States Patent Office, 1972, index to subjects of inventions, 08815
Index of specifications and standards, 03293
Index of standard instrument approach procedures, 10505-6
Index numbers of wholesale prices, 02148
Index to FAA Office of Aviation Medicine reports, 11313
Index to foreign market reports, 02151
Index to hearings on nutrition and human needs, 06403
Index to James A. Garfield papers, 05562
Index to publications of Manpower Administration, 00533
Index to the hazardous materials regulations, title 49, Code of Federal Regulations, 05881
Index to Woodrow Wilson papers, 05563
Indexed legislative history of Crime control act of 1973, 05546
Indexes of output per man-hour, selected industries, 00526
Indexes of production, 06078
India with Sikkim and Bhutan, colored map, 04943
Indian Affairs Bureau press releases, 02472
Indian and Eskimo individuals marketing native American arts and crafts, 00473
Indian and Eskimo organizations marketing native American arts and crafts, 00472
Indian civil rights issues in Oklahoma, 06106
Indian Claims Commission annual report, 05467
Indian Claims Commission appropriations for fiscal year 1974, 04220

Indian Claims Commission appropriations for fiscal year 1975, 10775
Indian education, steps to progress in 70's, 03436
Indian financing act, 07415
Indian Health Service Office of Research & Development, 10127
Indian Health Service recruitment problems, 07526
Indian health trends and services, 07891
Indian judgment funds distribution act, 04221
Indian leader, 02152
Indian Point Station unit 1, Consolidated Edison Co., 07229
Indian Point Station, unit 3, Consolidated Edison Company, 02852
Indian rupee settlement agreement, 08390
Indian School journal, 02153
Indian self-determination and education assistance act, 08459
Indian self-determination and education program, hearings before Subcommittee on Indian Affairs, 93d Congress, 1st session on S.1017 and related bills, June 1 and 4, 1973., 01031
Indian tribes, Alaskan native villages, allocation listing by county, entitlement period 4, 04760
Indian Trust Counsel Authority, 04222
Indices of agricultural production for Western Hemisphere, 00292
Indices of agricultural production in Africa and Near East, 1963-72, 04339
Individual action for energy conservation, 00944
Individual child, 02889
Indoor-outdoor air pollution relationships, annotated bibliography, 03879
Industrial & mechancial engineering, Weekly Government abstracts, 02772
Industrial development in TVA area during 1973, 10471
Industrial diamond and small diamond dies, U.S. consumption and trade in 1972, 03297
Industrial fishery products, 03665, 06967, 09545
Industrial fishery products, market review and outlook, 02154
Industrial gases, summary for 1973 (preliminary), 11329
Industrial plant equipment handbook , stimulated coherent radiation devices, 05203
Industrial production, 02155
Industrial production and 18 major divisions, 1954-71, 05370
Industrial reorganization act, 08498, 10779
Industrial research and development approaches †20 billion in 1972, 05715
Industrial security manual for safeguarding classified information, 08526
Industrial waste pilot plant study, Great Western Sugar Company, beet sugar refinery, 11728
Industrial wastewaters, Red River Army Depot, Taxarkana, Tex., 09271
Industry profiles, 00757
Industry wage survey, 00529-30, 01360, 06805, 11581
Industry wage survey, cigar manufacturing, 00530
Industry wage survey, crude petroleum and natural gas production, 06802
Industry wage surveys, 07949
Industry/business emergency planning seminars, 04267
Industry's vital stake in energy management, 10556
Inertial instruments, 08657
Infectious diseases research series, 08127-30
Infectious diseases research, pneumococcal infection, 05672
Inflation and consumer in 1973, 05009
Inflation and economic welfare in United States, implication for monetary policy, remarks , 10047
Inflation, on prices and wages and running amok, readings, 05193
Influence of liquid waste disposal on geochemistry of water at National Reactor Testing Station, 10087
Influence of magnetic fields on biological objects, 11018
Influence of manganese additions upon properties of iron ore pellets, 06837
Influence of mining techniques on size consist and washability characteristics of coal, 04959
Influence of wing loading on turbofan powered STOL transports with and without externally blown flaps, 03588
Influenza, 08127
Influenza, respiratory disease surveillance, 06097
Informal discussion of matters relating to American Samoa, 00137
Information about conversion and premium rates for national service life insurance in the V,RS,W,H, and RH programs, 05904
Information and referral services, 03833
Information bulletin IB series, 05899
Information circular, 01372-4, 03559-60, 04583, 05577-9, 06831-2, 07972-3, 08692-5, 09457-8, 10183-5, 11045, 11602-3
Information for business executives, 02158
Information for dependents traveling to oversea areas, 00742
Information for firms with retailing & wholesale interests, 02158
Information for NATO postdoctoral fellows, 10341
Information for registered nurses entering agreement to serve in shortage area, 10101
Information from farmers' income tax return and invasion of privacy, 03057
Information guide for training programs and manual requirements in air transportation of dangerous articles and magnetized materials, 03334
Information on excise taxes for 1974, 04513
Information on Federal agencies having impact on production and marketing of meat, 09342
Information on interest equalization tax, 07894
Information on operation of the fleet, 03527
Information on preparing your tax return, 03450-1
Information on self employment tax, 04514
Information processing systems exchange, 00739, 05998
Information recording mechanism in nervous system, 11006
Information resource, final report, water pollution control in water utilities, 07756
Information resources for neurosciences, 01463
Information security program regulation, 07633
Information series, 10286-7
Infrared Fourier transform spectrometry of gas chromatography effluents, 09998
Infrared microanalysis for deducing formation history of ferromanganese deposits, 06979
Initial payments under supplemental security income program, 08211
Initial reports of Deep Sea Drilling Project, 06993, 11192-3
Initial-stage sulfuric acid leaching kinetics of chalcopyrite using radiochemical techniques, 07994
Injury experience in coal mining, 01374
Inmate furloughs, 04172, 05153

Innermost planets of solar system, 11670
Inorganic chemicals, 03944
Inorganic fertilizer materials and related acids, 04919
Inorganic mercury, 08121
Inpatient health facilities as reported from 1971 MFI survey, 10278
Inpatient treatment in federally funded community mental health centers, 04669
Input-output structure of U.S. economy, 07647, 09257
Inquiring into military alert invoked on Oct.24,1973, 09780
Inquiry into alleged involvement of Central Intelligence Agency in Watergate and Ellsberg matters, 06276
Insecticides, acaricides, molluscicides and antifouling compound, 00606, 10371
Inspection and certification of processed fruits and vegetables and related products, regulations, 02799
Inspection of Federal facilities at Leavenworth Penitentiary and Medical Center for Federal Prisoners, 09844
Installation of driven test piles in permafrost at Bethel Air Force Station, Alaska, 09269
Installation of heavy-duty truss-web extruded aluminum airfield landing mat, 10815
Installation of XM 19 airfield landing mat and ancillary items, 00317
Installation, operation, maintenance, models LF-1 and LF-2 organics samplers for water, 11729
Installment and deferred-payment sales, 05473
Institutionalized adults with financial administrators, 10410
Instruction sheet for preparing revised manual of classification, 03713
Instructions and specifications for reporting Federal obligations to academic and selected nonprofit institutions, 09560
Instructions for mailers, 02159
Instructions for repair of damaged polypropylene bags, 03842
Instructions for sensor cleaning and field calibration, 09319
Instructor guide, basic management methods and skills, 04949
Instructors guide to jail, its operation and management, 01536
Instrument approach procedure charts, 02160
Instrument approach procedure charts, Alaska, Hawaii, U.S. Pacific Islands, 02161
Instrument fact sheet IFS series, 01485, 08146, 09556-8, 10328, 11185-6, 11693-4
Instrument for simultaneous monitoring NOx and SO2 in stationary sources, 06558
Instrument to monitor CH4, CO, and CO2 in auto exhaust, 06559
Instrumentation for monitoring specific particulate substances in stationary source emissions, 10832
Instrumentman 1 & C, 01504
Integrated approach to construction management, 06491
Integrated family of computers, 03514
Integrated power/attitude control system (IPACS) study, 10208
Integration of selected boll weevil suppression techniques in eradication experiment, 02820
Intellectual development of youths, 06928
Inter-American Conference of Tlatelolco in Mexico City, 09208
Inter-American Foundation, 2d year of operations, 06296
Inter-American relations, 03108
Inter-American relations, collections of documents, legislation, descriptions of inter-American organizations, and other material pertaining to inter-American affairs, Nov. 1973, 09069
Inter-American series, 03768, 05819-20, 11251
InterACTION, 02162
Interaction of natural and social sciences at current stage, 05537
Interaction of some extreme-pressure type lubricating compounds with iron surface, 08067
Interactions of stack gas sulfur and nitrogen oxides on dry sorbents, 00334
Interagency training catalog of courses, 00074
Interdistrict settlement fund, 02163
Interest on deposits, 03376
Interest rates charge on selected types of bank loans, 02164
Interfiber competition with emphasis on cotton, trends and projections to 1980, 05957
Intergovernmental science and research utilization, publications of National Science Foundation, 08801
Intergovernmental science programs, program awards, 10342
Interim fisheries zone extension and management act of 1973, 07481
Interim national standard procedures for deriving per-student costs in postsecondary educational institutions, proposal, 08112
Interim report of activities of House Committee on Government Operations, 09838
Interim report on motor vehicle emission estimation, 04378
Interior Department decisions, Solicitor's opinions, 02167
Interior Department press releases, 02474
Interior nomination, 01032, 04223, 07527-8, 09220, 10776
Interior of earth, 08613
Interlaboratory comparison of chemical analysis of uranium mononitride, 08733
Intermedia aspects of air and water pollution control, 01185
Intermediate energy proton-deuteron elastic scattering, 06863
Internal combustion engine ignition parts, certain switches and relays, and control stick grips for helicopters, former workers of P & D Manufacturing Co., Tariff Commission report, 07073
Internal RAREP, radar report, and warning coordination system (RAWARC), 11699
Internal revenue, 10041
Internal revenue bulletin, 02168
Internal revenue cumulative bulletin, 04515
Internal revenue looseleaf regulation system, 02259
Internal Revenue Service news releases, 02475
Internal security manual, 09942
International bibliography of history of legal medicine, 11177
International boundary study, 07045-7, 10438
International capital markets and financing of economic development, 03366
International coal trade, 02170
International coffee agreement, 00185, 00212
International coffee agreement 1968, as extended, 00185
International collaboration in mental health, 04665
International compensation fund for oil pollution damage, 04202
International conference on highway sign symbology, proceedings, 05359

International cooperation in developing water resources, 05772
International copyright relations of United States, 03252
International cues for 4-H leaders and extension staff, 04790
International decade of ocean exploration, 04693
International Development Association, 11428
International economic indicators, 02171, 03302, 06463
International economic policy, 11398
International economic report of the President, 08817
International educational and cultural exchange, 02172
International Field Year for Great lakes, 05839
International Field Year for Great Lakes, IFYGL bulletin, 04680, 09551
International financial crisis, 05131
International flight information manual, 02173
International health regulations, 11781
International information and cultural series, 05821
International investment position of United States developments in 1972 and U.S. direct investments abroad in 1972, 03303
International labor, 02174
International mail., 02175
International monetary reform, 00922, 07391
International negotiations on Seabed arms control treaty, 03899
International notams, 02176
International organization and conference series, 05822, 07049, 10439
International organizations series, 07048
International petroleum annual, 1972, 10186
International relations, 09622
International science notes, 05823
International social security agreements, 10420
International symposium on Hodgkin's disease, 03649
International traffic in arms regulations (ITAR), code of Federal regulations, 05824
International transfer of conventional arms, 09070
International travel act authorization and domestic travel authority transfer, 04125
International travel act of 1961, authorization, 04067
Internship program, vital working experience, 10154
Interparliamentary Union Conference, Abidjan Ivory Coast, 00220
Interparliamentary Union conference, Geneva, Switzerland, 09830
Interstate certified shippers list, 02177
Interstate Commerce Commission decisions, 02178-81
Interstate Commerce Commission reports, 02178-81, 05498
Interstate shipment of meat, 06358
Intervention on high seas act, 03205, 07377
Introducing ERG and DYNE, energy twins, 09717
Introducing supplemental security income., 05794
Introduction to Defense Supply Agency, 06450
Introduction to flood proofing, 04351
Introduction to physical fitness, 10373
Introduction to weather radar, 08808
Inventories of brass and copper wire mill shapes, 00770
Inventory of American intermodal equipment, 1973, 10173
Inventory of automatic data processing equipment in the United States Government for fiscal year 1973, 04901
Inventory of current energy research and development, 09112
Inventory of interstate carrier, water supply systems, 06579
Inventory of published and unpublished fluvial-sediment data for California, 07853
Inventory of records of President's Commission on Assassination of President Kennedy, 04633
Inventory of suspended sediment stations and type of data analysis of Pennsylvania streams, 01258
Inventory report on real property owned by United States throughout world, 11534
Investigating generation of echolocation pulses in dolphins, 05544
Investigation into certain charges of use of Internal Revenue Service for political purposes, 09011
Investigation of advanced structural concepts for fuselage, 07189
Investigation of alleged air pollution effects on yield of soybeans in vicinity of Shawnee Steam Plant, 00704
Investigation of ATC procedures for IFR approaches to triple parallel runways, 11786
Investigation of city of Santa Barbara sewage treatment facilities, 10003
Investigation of combustion concepts of NOx control in utility boilers and stationary gas turbines, 00332
Investigation of core drilling in perennially frozen gravels and rock, 05306
Investigation of digital mobile radio communications, 08678
Investigation of dust-control materials, 07716
Investigation of effect of torsional natural frequency on stall-induced dynamic loading, 07198
Investigation of energetics of water binding in dehydrated foods at very low moisture levels in relation to quality parameters, 04833
Investigation of errors introduced into meteorological calculations through use of hypsometric equation, 03902
Investigation of facsimile camera response to object motion, 09510
Investigation of factors affecting melt down of soft serve imitation ice milk, 04832
Investigation of floods in Hawaii, progress report, 10946
Investigation of high temperature antennas for space shuttle, 04601
Investigation of high voltage photocells at low radiation intensities, 03498
Investigation of maneuverability of S-67 winged helicopter, 00041
Investigation of methods of preparing horizontal construction joints in concrete, 00321
Investigation of mutual diffusion in nickel-tungsten and palladium-tungsten systems, 03508
Investigation of pollution in Missouri River as aggravated by garbage dumping at Omaha,, 11730
Investigation of postal service, 08456
Investigation of responsivity and noise in direct-coupled photodetector-preamplifier for facsimile cameras, 04622
Investigation of several NACA 1-series axisymmetric inlets at Mach numbers from 0.4 to 1.29, 10218
Investigation of techniques of achieving exposed aggregate surfaces for site-cast concrete, 06494

Investigation of treating electroplaters cyanide waste by electrodialysis, 07739
Investigation of use of carbon composite materials for helicopter transmission housing applications, 06011
Investigation of viscous flow in glass during phase separation, 03644
Investigation of Waipio stabilization ponds and surrounding area, 10005
Investigation, at inlet locations, of fuselage flow fields at transonic and supersonic speeds, 01408
Investigations in fish control, 05811
Investigations of three dimensional flow characteristics of 3 bladed rock pump inducer, 03579
Investigations on reprocessing of graphite-carbide fuel for high temperature reactors, 02843
Investigatory powers of Committee on Judiciary with respect to its impeachment inquiry, 09033
Investment advisers act of 1940, releases, 02182
Investment company act of 1940, releases, 02183
Investment guaranties, 03772, 04748
Iodine metabolism in children and adolescents in area of community, 08298
Ionospheric data, 02184
IPS-30 series, 02870, 06080, 08316
IRAC gazetteer, 03983
Iron and sponge iron powders excluding alloy powders from Canada, 07074
Iron oxide superconcentrates by caustic leaching, 05600
Iron, materials survey, 05577
Irradiation experiment of sodium bond carbide fuel in Rapsodie, 06036
Irradiation of broken pin in sodium circuit, 09689
Irradiation of 80 and 85 percent fuels in Rapsodie, 07208
Is remote sensing operational?, 01259
Island lantern (periodical), 02187
Isothermal and cyclic oxidation at 1000° and 1100° C of 4 nickel-base alloys, NASA-TRW VIA, B-1900, 713C, and 738X, 06888
Issues in Middle East, 06102
Issues related to foreign sources of oil for United States, 06687
Isua, Greenland, glaciological investigations during 1973, 07676
It's good to know about mental health, 00577
It's your world, it's my world, take care of it, 06580
Italy, colored map, 09713
Iterative methods for plasma-sheath calculations, application to spherical probe, 10236

J

J. Robert Oppenheimer, register of his papers in Library of Congress, 11032
J-integral characterization of irradiated stainless steels, 04697
Jack pine, American wood, 03390
JAG journal, 02188
JAG law review, 02189
James G. Fulton Flood Protection Project, 03030
Jamestown to Yorktown, vistas into origin of our Nation, Colonial National Historical Park, 04688
Japan-United States friendship act, 09202
JCH series, 11037
Jefferson National Expansion Memorial National Historic Site, Mo., 03676
Jet airfoil close to flat barrier, 09390
Jewel Cave National Monument, S.Dak., 08148
Jim Thorpe medals, 00995
Job analysis of medical service career field, 09669
Job analysis, key to better management, 00797
Job Corps occupational training program, 11037
Job discrimination, where to file your charge, 04389
Job grading system for trades and labor occupations, 01983, 02890, 06110, 07311
Job safety & health, 02190
Job satisfaction, Is there a trend?, 06813
John Wesley Powell Federal Building, 03080
Johnny Horizon '76 Clean Up America Month, 04171
Johnson grass as weed, 02813
Johnstown Flood National Memorial, Pa., 01491
Join car-pool, 09718
Joining magnetic alloy, 02849
Joint economic report, 1974 , 08348
Joint export establishment promotion, 06458
Joint funding simplification act of 1973, 03225
Joint resolution authorizing President to proclaim Mar 29, 1974, as Vietnam Veterans Day, 06188
Joint resolution authorizing the President to proclaim Aug.26, 1973, as Women's Equality Day, 00111
Joint resolution authorizing the President to proclaim 2d full week in Oct. 1973, as National Legal Secretaries' Court Observance Week, 110
Joint resolution to authorize the President to issue proclamation designating 4th Sunday in Sept. 1973 as National next Door Neighbor Day, 109
Joint resolution concerning war powers of Congress and President, 04990
Joint resolution extending dates for transmission of 1974 economic report and report of Joint Economic Committee, 06190
Joint resolution extending filing date of 1974 Joint Economic Committee report, 10567
Joint resolution making further continuing appropriations for fiscal year 1974, and for other purposes, 00843, 02946
Joint resolution making urgent supplemental appropriation for fiscal year 1974, for Veterans Administration, and for other purposes, 10572
Joint resolution relative to convening of 2d session of 93d Congress, 06163
Joint resolution to permit Secretary of Senate to use his franked mail privilege for limited period to send certain matters on behalf of former Vice President Spiro T. Agnew, 06149
Joint resolution to provide for extension of certain laws relating to payment of interest on time and savings deposits, 00844
Joint resolution to provide for temporary extension of authority of secretary of Housing and Urban Development with respect to insurance, 100
Joint travel regulations, 02191-2
Joint travel regulations for members of uniformed services, 07634
Journal of National Cancer Institute, 02194
Journal of Navy civilian manpower management, 02195
Journal of research of National Bureau of Standards, 02196-8
Journal of research of U.S. Geological Survey, 02199
Journal of Senate, 09866
Journal of trip to Shepherd, Banks and Torress Islands and to Expiritu Santo and Efate in New Hebrides, 10301
Journey to work, 03938

JPKS series, 00496-512, 01323-47, 03491-532, 04540-50, 05504-45, 06762-6791, 07908-36, 08640-73, 9385-429, 10152, 10984-1022, 11560-76
Judge Advocate legal service, 02200
Judgments rendered by Court of Claims, 09868
Judicial review of decisions of Interstate Commerce Commission, 03222
June 13-22, 1973, 00924
Junion Federal assistant, 08960
Jupiter and planet Earth, 05638
Jupiter as viewed from Pioneer, 11648
Jupiter as viewed from Pioneer 10 [colored poster], 10203
Jupiter, as a planet, 05637
Jupiter, giant of solar system, 05636
Jurisdiction of courts-martial, 04859
Jurisdiction of submerged lands, Guam, Virgin Islands, and American Samoa, 09081
Juvenile justice and delinquency prevention act, 07541

K

K 2 HfF 6 - K 2 ZrF 6 - 1.25 percent HF system at 40° C with other solubility curves from 25° to 70° C, 03565
Kahului Harbor, west breakwater repair, 00315
Katmai National Monument, 05709
Keeping abreast of air carrier industry, 10063
Keeping Congress informed and Joint funding simplification act, 04206
Kenaf leaf development and stem height, 05956
Key features of SBA's principal lending programs, 05783
Key officers of Foreign Service posts, guide for businessmen, 02201
Key to meteorological records documentation, 00323, 01146, 02202, 03319, 07719-22
Key to nematodes reported in waterfowl, 11243
Kitchen ranges in fabric fires, 11168
Know your pension plan, 03534
Kohoutek, 08016
KSC lubricant testing program, 03606

L

L.C. classifications, additions and changes, 02203
La famille de deux enfants et l'accroissement de la population un apercu international, 04935
Labor and Public Welfare Committee, Senate, nominations, 01036, 01042
Labor Department, 02476
Labor Department new publications, 02367
Labor force, migration, earnings, & growth, 07083
Labor management case finder, 01986
Labor market impacts of private retirement system, 04033
Labor psychology and esthetics, 11560
Labor Statistics Bureau bulletin, 00519-30, 01352-60, 03537-9 04564, 06797-807, 07941-9, 08682, 10163, 11026-8, 11580-4
Labor Statistics Bureau report, 01362, 06809, 07952, 11586
Labor surplus area procurement and subcontracting to small business, 07577
Labor trends in Tennessee Valley's forest industries, 08255
Labor-management relations program provisions and technical guidance, 01985
Laboratory determination of factors affecting storage of North Dakota lignite, 11637
Laboratory guide to fungi in polluted waters, sewage and sewage treatment systems, 11723
Laboratory load tests on buried flexible pipe, steel and fiberglass reinforced resin pipe in sand backfill, 03725
Laboratory methods in anaerobic bacteriology, CDC laboratory manual, 07290
Laboratory preparation of artificial sea and salt ice, 08537
Laboratory report, 09688
Laboratory simulation of single-axis dual-level precision pointing system, 03602
Laboratory study of self-sealing limestone plugs for mine openings, 05329
Laboratory study of some performance characteristics of aluminum oxide humidity sensor, 10272
Lake Erie bottom trawl explorations, 09554
Lake Placid, N.Y. as site of 1980 winter olympics, 11401
Lamb in family meals, 05941
Land base for management of young-growth forests in douglas-fir region, 05399
Land conveyance in Louisiana, 03060
Land Management Bureau press releases, 02477
Land management for non-game birds, 10426
Land management for wild turkeys in Alabama, 05801
Land use and environment, 07727
Land use planning, 08587, 09331
Land use planning act, 09763
Land use planning act of 1974, 10702
Land use planning assistance available through United States Department of Agriculture , 05943
Land use policy and planning assistance act, 00191
Landing performance of air-cushion landing system installed on 1/10-scale dynamic model of C-8 Buffalo airplane, 00552, 06861
Landing rates for mixed STOL and CTOL traffic, 11667
Landslides, 08614
Language is for communication, 07302
Laos, official standard names gazetter, 08608, 09343
Large and medium hub, aviation activity forecast 1967-83, air carrier airports, 11501
Large cotton, feed grain, and wheat farms, 03310
Large rivers of United States, 05426
Large scale rearing of horn flies on cattle, 07101
Large-magnitude late Tertiary strike-slip faulting north of Lake Mead, Nev., 06704
Larval fish counter, 11796
LASCOT, large screen color television system, 07226
Laser, 74, 08640
Laser centering detector, 02848
Laser induced damage in optical materials, 06912
Laser technology, survey, 04618
Lasers and communications, 08653
Lasers and their application, 09426
Lateral static and dynamic aerodynamic parameters of Kestrel aircraft (XV-6A) extracted from flight data, 10238
Latest developments in UHF-therapy dosimetry procedures, 03520
Latest editons of U.S. Air Force aeronautical charts, 02204
Latin American military expenditures, 1967-71, 03768
Latin American series, 03546
Latino mental health, bibliography and abstracts, 09538
Latino mental health, review of literature, 11685
Law Day address, 10055

Law Enforcement Assistance Administration, Drug Enforcement Administration, Federal Bureau of Prisons, library book catalog, 08676
Law Enforcement Assistance Administration, grants and contracts, fiscal year 1973, 10155
Law Enforcement Assistance Administration, Narcotics and Dangerous Drugs Bureau, Federal Bureau of Prisons, library book catalog, 04558-9
Law enforcement standards program LESP-RPT series, 05547-8
Law of detainers, 07940
Law of impeachment, 10156-7
Law of the sea treaty, 10697
Layers and egg production, 07065
Layman's guide to individual rights under United States Constitution, 05154
LEAA news release, 02205
LEAA newsletter, 02206
LEAA, 5th annual report of Law Enforcement Assistance Administration, 05549
Lead and air pollution, bibliography with abstracts, 06581
Lead-based paint poisoning prevention act amendments, 04048, 04055
Leadership specialist projects directory, pre-college instructional improvement implementation program, 1974-75, 08156
Leaf springs for motor vehicles, workers and former workers of Mather Co. plant 1, Toledo, Ohio, 07075
Leafhopper transmission of western aster yellows agent to potato and carrot in eastern Washington, 10491
Lease guarantee, 05784
Lectures on theory of complex systems, 01328-9
Legal aspects of impeachment, 10158-60
Legal aspects of manned spaceflight and remote sensing of environment, USSR study, 06770
Legal bibliography for juvenile and family courts, 00709
Legal compilation, statutes and legislative history, executive orders regulations, guidelines and reports, 03322-4, 05333, 07772
Legal fees, 08499-500
Legal services corporation act, 03218
Legal services corporation act of 1974, 10741, 11385
Legal system and drug control, 01367
Legislating for Nation's Capital, 10766
Legislation on foreign relations, with explanatory notes, 07399
Legislative authority of Federal agencies with respect to fuels and energy, 04213
Legislative branch appropriation bill, 1975, 09048, 09784
Legislative calendars, 02208-26, 02228-40
Legislative history of clean air amendments of 1970, 07573, 08514
Legislative history of Committee on Foreign Relations, 09928
Legislative history of District of Columbia self-government and governmental reorganization act, 09922
Legislative history of joint-labor-management trust funds for legal services, 09949
Legislative history of Labor management relations act, 07560
Legislative history of Railway labor act, as amended, 1926-66, 09950
Legislative oversight of SEC, agency independence and ITT case, 09841
Lesotho-South Africa, international boundary study, 07047
LESP-RPT series, 05547-8
Lessons from credit restraint, 03367
Lessons learned on Skylab program, 08709
Let's do business, Veterans Administration, 05899
Letter from Chairman, National Advisory Council on International Monetary and Financial Policies, 02965, 04042
Lewis and Clark, brief account of their expedition, 06810
Liberalization of eligibility for civil service retirement cost-of-living annuity increases, 02985
Liberia, colored map, 07295
Librarians in Veterans Administration hospitals, 05901
Library & information sciences, weekly Government abstracts, 02773
Library book catalog, periodicals catalog, 10161
Library book catalog, title catalog, 05550, 10162
Library holdings, nonperiodical, Federal solid waste management program, 09292
Library of Congress catalog, books, subjects, 02241, 08686
Library of Congress catalog, motion pictures and filmstrips, 02242
Library of Congress circulars, 00248-9, 01057-59
Library of Congress information bulletin, 02243
Library of Congress PL 480 newsletter, 02244
Library statistics of colleges and universities, analytic report, 01090
Library vacancy roster, 02027
Licensed vendor listing postal service, uniform allowance program, 03823
Lidar studies of stack plumes in rural and urban environments, 06552
Life begins anew, Cuban Refugee Program, 11763
Life beyond earth & mind of man, 01397
Life insurance industry, 07542-3, 09293
Life tables, 08763
Light air-cured tobacco market review, 00004
Light emitting diode testing and analysis, 02851
Light list, Pacific Coast and Pacific Islands, 04962
Light suppression by chaff seeding, 10323
Light, soil moisture, and tree reproduction in hardwood forest openings, 04440
Lightning protection documentation, 07008
Lime disinfection of sewage bacteria at low temperature, 04368
Limit lead in gasoline, 09189
Limitation of strategic offensive arms, 00672
Limited oil gasification experiment, 00342
Limited study of effects of dredging sand gravel from Tennessee River, 05878
Limited success of Federally financed minority businesses in 3 cities, , 06688
Limited survey of health-related laser characteristics for selected applications in United States, 09597
Limnological studies of Big Bear Lake, Calif., 07854
Linear theory of hydrologic systems, 05954
Liquefaction, flow, and associated ground failure, 05427
Liquefied natural gas, 02247
Liquid metal fast breeder reactors, 07239
Liquid-crystal structure of biological membranes, USSR study, 10999
List of available publications for distribution, 10932
List of available publications of Department of Agriculture, 11337
List of certificated pilot flight and ground schools, 03335

List of CFR sections affected, 01777
List of chemical compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs, list, 05986
List of free black heads of families in 1st census of United States, 1790, 06902
List of journals indexed in index medicus, 11689
List of materials acceptable for use on systems of REA electrification borrowers, 00624, 02250, 04727, 08193
List of materials acceptable for use on telephone systems of REA borrowers, 02251, 04728, 08194
List of OTC margin stocks, 00380
List of publications, 02252
List of publications of Federal Trade Commission, 05383
List of published soil surveys, 00641
List of U.S. air carriers, 00792
Listen smokers, you don't have to wait 20 years for cigarettes to affect you, 04942
Listing of amendments proposed to H.R 6767, proposed Trade reform act of 1973, 00175
Listing of 1974-75 conservation publications and related subjects published by United States Department of Interior, 10129
Listing of minority construction contractors and housing professionals in Albuquerque, N.Mex., 08633
Listing of minority construction contractors and housing professionals in selected cities, 00451-7
Listing of publications, Division of Science Resources Studies, 08802
Literacy among youths 12-17 years, United States, 06930
Literature on California least tern, 08226
Literature references on techniques for evaluation of highway locations, 00367
Literature review of timber-harvesting effects on stream temperatures, 08589
Lithium in treatment of mood disorders, 10294
Lithostratigraphy and depositional environments of Lexington limestone (Ordovician) of central Kentucky, 08616, 10089
Livestock and meat situation, 02253
Livestock feed balances for USSR, 01084
Livestock feeding problems because of fluctuating cattle market, 08467
Livestock marketing handbook, 07100
Livestock slaughter, 02255
Livestock slaughter, annual summary 1973, 10447
Livestock, meat, wool, market news, 02254
Load criteria for ship structural design, 03736
Load line act of 1973, 03000
Loading and heating of large flat plat at Mach 7 in Langley 8-foot high-temperature structures tunnel, 01404
Loan of personnel and equipment to Bureau of Sport Fisheries and Wildlife, 09775
Loans by banks for cooperatives to public utility cooperatives, 11415
Loans to local development companies, 05785
Loblolly pine fecundity in south Arkansas, 00410
Local air carriers' unit costs, 00073
Local climatological data., 02256
Local government employment in selected metropolitan areas and large counties, 04933
Locating Federal talent for temporary assignments under Intergovernmental personnel act of 1970, 10554
Location and characteristics of interface between brine and fresh water from geophysical logs of boreholes in upper Brazos River basin, Tex., 04476
Location identifiers, 02257
Location identifiers for substations, 09572
Log-intensity correlations of laser beam in turbulent medium, 04829
Logistic support plan for automatic secure voice communications network (AUTOSEVOCOM), logistic support plan, Army pamphlet, 04865
Lone Peak Wilderness Area, 07529
Long Island Sound and Block Island Sound, tidal current charts, 09550
Long staple cotton review, 02258
Long term economic growth, 01082
Long-term contracts for forest land and timber in South, 05405
Long term effects of drug use on general mental ability, 08886
Longleaf pine cone production in relation to site index, 00407
Look at USDA's biological control of insect pests, 1888 to present, 01055
Look for that label, 05382
Look to north, Canadian regional experience, 10487
Lookout Mountain, Chickamauga and Chattanooga National Military Park, Ga. and Tenn., 06990
Looseleaf regulations system, 02259-63, 06738-41, 07895, 10138
Losses from operating business, 05474
Louisiana land transfer, 03217
Louisiana landings, 01471, 02264, 11691
Low BTU gasification high temperature-low temperature H2S removal comparison effect on overall thermal efficiency in combined cycle power plant, 04961
Low-cost, air mass 2 solar simulator, 09496
Low density foams for vacuum insulation, 08301
Low temperature coefficient of resistance and high gage factor in beryllium-doped silicon, 11128
Low-flow characteristics of streams in Pacific slope basins and lower Columbia River, 04471
Low-frequency propagation in composite region of wedge and 2 parallel plates, 10357
Low-income areas in large cities, 00057
Low-radar-cross section OH-6A helicopter tail rotor blade, 11305
Low-rent housing administration of program guide, employee benefit programs, 10110
Low-rent housing applications, program reservations and preliminary loans handbook, 05460
Low-rent housing financing handbook, 05461-2, 06723
Low-rent public housing construction handbook, 11551
Low-rent public housing construction processing instructions, 10121
Low-rent public housing preconstruction handbook, 10965
Low-rent public housing turnkey handbook, 03429, 10966
Low-speed aerodynamic characteristics of 17-percent-thick airfoil section designed for general aviation applications, 08058
Low-speed aerodynamic characteristics of NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps, 11097
Low-temperature heat capacity and high-temperature enthalpy of TiAl3, 11630
Low-thrust engines for interplanetary flights, 06786
Lower Colorado region comprehensive framework study, 01533, 03699-712

Lower Missouri region report, regional examination of minor irrigation structures & facilities, 05773
Lowering permanent rate of unemployment, 00115
LPPSD technical information exchange document, 01176
Lucky landmark, study of design and its survival, Galveston Customhouse, Post Office, Courthouse of 1861, 08187
Lumber production and mill stock, 00771
Lumber recovery from old-growth coast Douglas-fir, 05397
Lumber yield from western pine in northern Idaho, 03401
Lunar roving vehicle navigation system performance review, 03615
Lyndon B. Johnson Civilian Conservation Corps Center and Lyndon B. Johnson National Grasslands, 09889, 10663
Lyndon Baines Johnson Memorial Grove, 06254, 11403

M

MA SP series, 03552, 04575, 06815
MAC flyer, 02265
Machine calculation of unsteady Mach reflections and Prandtl-Meyer supersonic flows, 05745
Machine diagnosis and information retrieval in medicine in USSR, 01321
Magazine reprint MR (series), 02266
Magnet-wire stripping, 08897
Magnetic alinement of ring particles, 05631
Magnetic microvariational measurements and apparatus for magnetotelluric research, 03521
Magnetic probes and instrumentation of capacitive dishcharges, 05739
Magnetism in biology, 03519
Magnetometers, 06772
Magnitude and frequency of floods in small drainage basins in Idaho, design method , 05431
Magnitude and frequency of floods in small drainage basins in Ohio, 03414
Maine landings, 02267
Maintainability analysis of major helicopter components, 04877
Maintenance facilities, 00599
Maintenance management systems for municipal wastewater facilities, 11284
Maintenance manual, instructions for sensor cleaning and field calibration, 09319
Major oil companies, 07505, 08487
Major uses of land in United States, 11293
Majority and minority leaders of Senate, history and development of offices of floor leaders, 06313
Make breast examination health habit, 09526
Make dishwashing easy, 03867
Making appropriations for agriculture-environmental and consumer protection programs for fiscal year ending June 30, 1974, 04985
Making appropriations for certain research and development activities, fiscal year 1975, 09798
Making appropriations for Departments of Labor, HEW for fiscal year ending June 30,1974, 04077
Making appropriations for Departments of Labor, HEW, and related agencies, 03077
Making appropriations for Departments of State, Justice, Commerce, judiciary and related agencies, 06229
Making appropriations for legislative branch for fiscal year ending June 30,1974, 04988
Making continuing appropriations for fiscal year 1974, and for other purposes, 03033
Making effective use of long term training, 03965
Making fish protein concentrates by enzymatic hydrolysis, 01484
Making floating part of reformed monetary system, 06203
Making it work, Allied health services act of 1972, 10960
Making supplemental appropriations for fiscal year 1974, 09759
Malaria, 08128
Malaria surveillance, 00782
Malta [colored map]., 02886
Mammals imported into United States in 1971, 08224
Management assistance, 08829
Management information systems, 00739, 05998
Management information systems data processing installation review/evaluation checklist, 05997
Management intern program, 00449
Management of data elements in information processing, 10264
Management of national resource lands, 04224
Management survey handbook, 00738
Management, continuing literature survey, 01400
Managing correspondence, 08750-2
Manatee County, Fla., 01138
Mandatory fuels allocation, 04118
Mandatory health and safety standards, 04592
Mandatory petroleum allocation summary, 10024
Manned thermal-vacuum testing of spacecraft, 08740
Manpower, 00199-200
Manpower (periodical), 02269
Manpower impact of Federal government programs, selected grants-in-aid to State and local governments, 04566
Manpower planning and utilization, 07314
Manpower planning data, 05900
Manpower requirements for wastewater collection systems in cities of 150,000 to 500,000 in population, 11285
Manpower research and development projects, 03549
Manpower research monograph, 03550-1, 06813, 07956, 09450, 11038
Manpower survey of school library media field, 04346
Manpower training in Japan, 06808
Manual for courts-martial annotation, 04855
Manual for review and comment, 00816
Manual of classification, 02270, 08183
Manual of individual water supply systems, 05908
Manual of Judge Advocate General, 07937
Manual of Medical Department, 05571, 06818, 10175
Manual of Navy officer classifications, 10356
Manual of patent examining procedure, 00604, 02271, 04713, 08184, 11214
Manual of regulations and procedures for radio frequency management, 02272, 04752-3, 10467
Manual on uniform traffic control devices for street and highways, 09301-02
Manufacturer's guide to Coast Guard label requirements, 08962
Manufacturing activity in government establishments, 07257
Manufacturing methods technology (MM&T) for ballistic-tolerant flight control components, 00038

Manufacturing quit rates revisited, 08683
Manuscripts concerning Mexico, guide, 11031
Map, line, and sinker, 03411
Marad 1973, annual report of Maritime Commission, 10174
MARAD pollution abatement program, 09453, 11591
Marek's vaccine on target, 02818
Marguerite Zorach, early years, 1908-20, 05655
Maria Lourdes Rios, 04981
Marihuana and health, 3d annual report to Congress, 09540
Marine aviation, 09452
Marine ecosystems analysis program, 10312
Marine engineering regulations, 03969
Marine fisheries abstracts, 02273
Marine fisheries review, 02274
Marine flora and fauna of Northeastern United States, 01481-2, 10327
Marine flora and fauna of Northeastern United States, higher plants of marine fringe, 06983
Marine flora and fauna of Northeastern United States, pycnogonida, 06985
Marine fog observations in Arctic, 11206
Marine geophysical survey (1965-68), station-data listing and report catalog, 10354
Marine weather services, 05720
Mariners weather log, 02275
Marines in Vietnam, 1954-73, 10171
Marital status and living arrangements, Mar.1973, 06082
Maritial status, living arrangements and family characteristics of admissions to State and county mental hospitals and outpatient psychiatric clinics, 10298
Maritime Administration press release, 02455
Maritime briefings, 07437
Maritime manpower report, 02276
Market absorption of apartments, 01845
Market factors in United Kingdom, 00282
Market performance and competition in petroleum industry, 07520, 09217
Market profiles for Caribbean, 00287
Market profiles for Far East, 08529
Market profiles for Mexico, Central America and Panama, 00289
Market profiles for Near East and South Asia, 04333
Market profiles for South America, 08528
Market profiles for western Europe and Canada, 06462
Market structure, institutions, and performance in the fluid milk industry, 05926
Marketing and procurement briefs, 02277
Marketing and transportation situation, 02278
Marketing bulletin, 07119
Marketing H2S04 from S04 abatement sources, TVA hypothesis, 10835
Marketing in Spain, 09976
Marketing research report, 00012, 00722, 03855-7, 04781-3, 05946-7, 07120-2, 08277, 11296
Marking and safeguarding information designated for official use only, 08627
Martian thermal boundary layers, subhourly variations induced by radiative-conductive heat transfer within dust-laden atmosphere-ground system, 03587
Marxism-Leninism on war and army, Soviet view, 08282
Maryland landings, 02279
Mask generation, 07214
Mass and mass values, 08091
Mass spectral search system, users manual, 10853
Mass spectrometry and inhomogeneous ion optics, 08020
Mass transfer in 1370s (2500°F) tantalum alloy lithium thermal-convection loop, 08048
Massachusetts Avenue architecture, 04420
Massachusetts landings, 02280
Massachusetts shoe manufacturers and United Shoe Workers of America, 06804
Material cutting shaping, and forming, 11651
Material relating to administration proposal entitled Job security assistance act of 1974, 09862
Materials and instruction development, 08789
Materials of 1st all-Union conference, pharmacology of antiradiation preparations, 07223
Materials sciences, Weekly Government abstracts, 02774
Materials shortages, selected readings on energy self-sufficiency and controlled materials plans, 09935
Materials to help teach forest conservation, 10066
Maternal and child health information, 02281
Maternal and child health services of State and local departments, 08968
Maternal, fetal, and infant nutrition, 00239, 01048, 06404
Mathematical ground-water model of Indian Wells Valley, Calif., 07855
Mathematical methods of optimal planning development and use of energy systems, 01347
Mathematical model for barged ocean disposal of wastes, 10841
Mathematical model of unsteady aerodynamics and radial flow, 00035
Mathematical models of biological systems, 06899
Maturity distribution of Euro-dollar deposits in foreign branches of U.S. banks, 02283
Maturity distribution of outstanding negotiable time certificates of deposit, monthly release, 02284
Mayonnaise, salad dressings and related products, 03990
Mayors Panel, urban impact, 09930
MC2810 high-voltage connector characteristics and development report, 02856
Mean flow and turbulence measurements in Mach 5 free shear layer, 08054
Mean precipitation-hours for conterminous United States, 07829
Means at each examination and inter-examination variation of specified characteristics, Framingham study, 08136
Means of measuring naval power with special reference to U.S. and Soviet activities in Indian Ocean, 09831
Measles surveillance, 00783
Measured pressure distributions on large-angle cones in hypersonic flows of tetrafluoromethane, air, and helium, 08059
Measurement and characterization of particles in wet scrubbing process for SOx control, 04360
Measurement of corporate profits prepared , 07524
Measurement of rf power and attenuation using superconducting quantum interference devices, 01423
Measurement users bulletins, 02285
Measurements and model for convective velocities in turbulent boundary layer, 03607
Measurements of liner cooling effectiveness within full-scale double-annular ram-induction combustor, 11151
Measurements of mercury sorption by algae, 09575

Measurements of structure and circulation of stratosphere and mesosphere, 08081
Measures for restoration and enhancement of quality of freshwater lakes, 01177
Measures of evoked responses and EEGs during shallow saturation diving, 07962
Measuring regional price change in urban areas, 07950
Measuring technique and equipment for studying backscattering of ultrasonic waves by biological objects in water, 09420
Measuring thermal properties of cylindrical specimens by use of sinusoidal temperature waves, 05298
Meat and poultry inspection manual, 05987, 07164
Meat and poultry inspection regulations, 00032-3, 00733, 03895-6, 04816-7, 05988, 09679
Meat and poultry inspection, 1972 report, 04784
Meat animals, farm production, disposition, income, 08857
Mech, naval aviation maintenance safety, 02286
Mechanical and structural design criteria, 05612
Mechanical component failure prognosis study, 06014
Mechanical properties of Rapsodie clads and hexagonal wrappers, steel swelling in Rapsodie hexagonal wrappers, 07210
Mechanized information service catalog, 09522
Mechanisms of formation and composition of photochemical aerosols, 06547
Medal of Honor recipients, 1863-1973, 04261
Medals commemorating International Exposition on Environment at Spokane, Wash., 02994
Medals comemmorating 100th anniversary of cable car in San Francisco, 02995
Medals commemorating 100th anniversary of Statehood of Colorado, 02993, 09148
Medals in commemoration of Jim Thorpe, 00913
Medals of United States Mint, 06841
Media adjunct programming, individualized media-managed approach to academic pilot training, 09676
Median family money income for 1969 by counties of United States, 07288
Medicaid, medicare, which is which?, 04578
Medical and geographic aspects of long-term economic development of Angar-Yenisey region, 07932
Medical and health related sciences thesaurus, 01467
Medical aspects of cold water immersion, 07964
Medical assistance (medicaid) financed under title XIX of Social security act, 02287
Medical basis for comprehensive community hypertension control programs, 04726
Medical care expenditures, prices, and costs, background book, 07032
Medical device legislation introduced in 93d Congress, 00145
Medical devices, 08410
Medical facilities for Connecticut veterans, 05091
Medical information for air ambulance operators, 10021
Medical insurance sample, prescription drugs, 10411
Medical policies and costs, 05010
Medical research in Veterans' Administration, 09858
Medical service, 07155
Medical service digest, 02714
Medical services, 07167
Medical specialties, annotated bibliography and selected ongoing studies, 04486
Medical subject headings, 08780, 09543
Medicare for railroad workers and their families, 00610, 08822
Medicare record check, evaluation of coverage of persons 65 years of age and over in the 1970 census, 06074
Medicare, general enrollment period for aged, 10414
Medicare, health insurance for the aged, 00635, 08842
Medicare, use of physicians' services by geographic region, 10412
Medicare, utilization of services and reimbursement per person served by geographic division and State, 1969, 10413
MEDLINE, 10307
Meeker Well and other phenomena in vicinity of Meeker Dome, Rio Blanco County, Colo., summary report on feasibility of control of seepage of saline ground water, 10872
Melanesian journal, 06962
Memorandum for aviators, 02288
Memorandum in support of Government's motion for summary judgment concerning constitutionality of professional standards review legislation, 09926
Memorandum opinions and orders, 02289
Memorial addresses and other tributes in Congress of United States on life and contributions of Spessard L. Holland, 06312
Memorial services held in House of Representatives and Senate of United States, 00818, 07344
Memorial services in Congress and tributes in eulogy of Lyndon Baines Johnson, 06211
Memorial services in Congress of United States and tributes in eulogy of Harry S. Truman, Late President of United States, 08351
Memorial services, held in House of Representatives and Senate of United States, 00817-8
Memorial tributes to J. Edgar Hoover, 11405
Men's and women's selected monthly apparel cuttings, 00065
Men's attitudes toward cotton and other fibers in selected clothing items, 03856
Men's suits, coats, and trousers, Globe Corporation, 07078-9
Men's, women's, children's, and infant's slippers, Dolly Novelty Shoe Co., Inc., 10462
Menominee restoration act, 04109, 04179, 06164, 07530
Mental health digest, 02290
Mental health directory, 00578
Mental health of rural America, rural programs of the National Institute of Mental Health, 05681
Mental health statistics, 05682, 06958, 08132, 09539, 11686
Mental retardation abstracts, 02291
Merchant fleets of world, oceangoing steam and motor ships of 1,000 gross tons and over, 03553
Merchant marine miscellaneous, 07438
Merchant vessels of United States 1973 (including yachts), 07318
Mercury concentrations in fish in Lake Oahe, S. Dak., 10874
Mercury in environment, 07752
MERDC news, 02473
Merit promotion program, 03660
Mesoscale objective map analysis using weighted time-series observations, 01477
Metabolism of carbamate insecticides, 10828
Metal punching machines, single-end type, manually operated from Japan, 08251

Metallic recovery from waste waters utilizing cementation, 07770
Metallic shear walls for BMD ground support systems, 09983
Metallurgical upgrading of automotive scrap steel, 06043
Metallurgy of dilute mischmetal Mg alloys as observed in 40mm liners, 05730
Meteorological effects of cosmic rays, 03621
Meteorological effects on microwave apparent temperatures looking downward over smooth sea, 03589
Meteorological episodes of slowest dilution in contiguous United States, 07736
Meteorological measurements with satelllites, 01342
Meteorology and hydrology, 02294
Meteorology of Mars, 08743
Methadone treatment manual, 09434
Methane and dust controls for longwalls, 09472
Methane control by isolation of major coal panel, Pittsburgh coalbed, 07987
Methane control in eastern U.S. coal mines, 03560
Methaqualone, 05654
Method for digitizing, preparing and using 739rary tapes of ship stress and environment data, 03735
Method for recording and analyzing EEGs and VERs from rats under hyperbaric conditions, 06824
Method of automatically stabilizing helicopter sling loads, 11664
Method of billing third generation computer users, 06896
Methodological plan for aerial seismic studies at sea and in open ocean, 07935
Methodology for boost-glide transport technology planning, 09480
Methodology for hypersonic transport technology planning, 03578
Methods and approaches to statistical training, Budapest, Aug. 1973, meeting of Directors of International Statistical Training Centers, International Statistical Institute, 00070
Methods and equipment for eviscerating turkeys, 04783
Methods and practices for controlling water pollution from agricultural nonpoint sources, 05909
Methods for accountability of plutonium nitrate solutions, 07242
Methods for identifying and evaluating nature and extent of nonpoint sources of pollutants,
Methods for improvement of trickling and filter plant performance, 01165
Methods for rapid and accurate measurement of nitrate and sulfate in atmospheric particulates, 07746
Methods for refining crude shale oil produced by in situ retorting, 08002
Methods for simultaneous determination and identification of MS-222 and metabolites in fish tissues, 05811
Methods for testing wire-bond electrical connections, 03643
Methods of measurement for semiconductor materials, process control and devices, 03647
Metric conversion act, 07480
Metric conversion act of 1973, 03061
Metric in everyday use, 08089
Metrics for spectrum-space usage, 04974
Metropolitan area projects, 08536
MeV total neutron cross sections, 11164
Mexican American education study, 08321
Mexico-United States Interparliamentary Group, 00221
Michigan water resources enforcement and information system, 01186
Microbia degradation of petroleum in Continental Shelf sediments, 05303
nceerobial insecticides control forest tent caterpillar in southwestern Alabama, 00408
Microbiological requirements and methodology for food in military and Federal specifications, 04853
Microcircuits and field transistors, 08659
Microscale model of local vehicular source contributions to measured pollutant concentrations, 05322
Microseismic source locations around block caving at Climax molybdenum mine, 04585
Midcyle evaluation of Mississippi timber resources, 06674
Middle Atlantic fisheries, 06969
Middle Devonian rugose corals of the central Great Basin, 06705
Middle East between war and peace, 09929
Midyear 1973 review of economy, 08349
Mighty weapon of the Party, 03517
Migratory bird convention with Japan, 10640, 10744
Miles per gallon, EPA guide for new car buyers, 04386
Military administrative law handbook, Army pamphlet, 06000
Military air traffic activity report, 11502
Military application of nuclear technology, 09007
Military assista, 00687, 05832
Military assistance program address directory, 00277-8, 04325-6, 06452, 07635-6
Military construction appropriation bill, 1974, 04066
Military construction appropriation for fiscal year 1974, 06247
Military construction appropriations for 1974, 00920, 03103
Military construction appropriations, 1974, 00120, 01013, 04085
Military construction authorization, fiscal year 1974, 03104
Military construction authorization, 1974, 04057, 04065, 04169
Military fields, United States, instrument approach procedure charts, 02295
Military installations, 08087
Military justice, 04859
Military justice, trial procedure, 04857
Military law review, 02296
Military mission, 10441
Military mission to Iran, 05827, 09623
Military personnel office management and administrative procedures, 03909
Military police traffic accident investigation, 04831
Military posture, 10687
Military procurement supplemental, fiscal year, 1974, 07467
Military publications, index of publications and blank forms, 05990
Military review, 02297
Military service records in National Archives of United States, 08085
Military standard contract administration procedures, 09254
Military tenant in Germany, 10510
Milk production, 02298
Milk, production, distribution and income, 10448-9

564-800 O - 75 - 40

Mill margins report, 00711, 02299
MILSBILLS requisition fund codes, 05262
MILSTAMP guidance manual, 05995
MILSTEP, military supply and transportation evaluation procedures, 05263
Minding millions, 04953
Mine communications, 10185
Mineral and electrolyte responses following severe decompression stress, 03557
Mineral development on Federal lands, 11436
Mineral industry of Arab Republic of Egypt, 11609
Mineral industry of Argentina, 11047
Mineral industry of Australia, 09462
Mineral industry of Austria, 11048
Mineral industry of Belgium and Luxembourg, 11610
Mineral industry of Bolivia, 11049
Mineral industry of Connecticut, 05591
Mineral industry of Delaware, 05595
Mineral industry of Federal Republic of Germany, 11050
Mineral industry of Finland, 11051
Mineral industry of France, 09459
Mineral industry of Ghana, 11611
Mineral industry of Hawaii, 05592
Mineral industry of Ireland, 11052
Mineral industry of Japan, 11612
Mineral industry of Libya, 09463
Mineral industry of Massachusetts, 06833
Mineral industry of Minnesota, 11613
Mineral industry of New Hampshire, 05593
Mineral industry of New Jersey, 11614
Mineral industry of North Dakota, 11615
Mineral industry of Norway, 11616
Mineral industry of Oklahoma, 11617
Mineral industry of Republic of Korea, 11618
Mineral industry of Sierra Leone, 11619
Mineral industry of South Dakota, 06834
Mineral industry of Taiwan, 11620
Mineral industry of Vermont, 11621
Mineral industry of Washington, 05594
Mineral industry of Wisconsin, 11622
Mineral industry of Wyoming, 11053
Mineral industry of Zambia, 11623
Mineral industry surveys, 01371, 01383, 01642, 01649, 10674, 01680-1, 01695, 01703, 01711, 01719, 01769, 01770, 01774-5, 01778, 01819-1820, 01888, 02014, 02033, 02054, 02064, 02077, 02185-6, 02207, 02246, 02268, 02293, 02300, 02305, 02349-50, 02378, 02426, 02432-3, 02436, 02496, 02589, 02627, 02650, 02652, 02690, 02729, 02795-6, 03558, 03562, 05572-6, 05580-2, 05585-9, 05602-4, 06830, 07967-08014, 08696-7, 10178, 10181-2, 10188, 10199, 11041-4, 11046, 11076-9, 11593-601, 11604-5, 11640-4, 11646-7
Mineral resources of area near Popo Agie Primitive Area, 00430
Mineral resources of Chiricahua Wilderness Area, Cochise County, Ariz., 05423
Mineral resources of Idaho Primitive Areas and vicinity, Idaho, 05417
Mineral riches of Pacific Ocean ore zone, USSR study, 05543
Mineral trade notes, 02301
Minerals yearbook, area reports, domestic, 05013, 05583
Minerals yearbook, area reports, international, 05014, 05584
Mines against Japan, 08165
Mines Bureau bulletin, 04582, 10180
Mines Bureau press releases, 02478
Mines Bureau technical progress report, 06839-40, 08010-1, 09475, 10198, 11645
Mini-guide to 1972 economic censuses, 04936
Minima for landing aircraft, 10988
Minimum enroute IFR altitudes over particular routes and intersections, 08287, 10507
Minimum pay limits changes of Senate committee employees and indicia requirements amendments for franked mail, 10616
Minimum property standards for 1 and 2 living units, 10904
Minimum property standards for multifamily housing, 07803, 10905-6
Minimum security devices and procedures for Federal reserve banks and State member banks, 03375
Minimum wage act amendment, dual taxation of dividends, amend usury laws, and subsidy payments for certain adopted children, 07486
Minimum wage and maximum hours standards under Fair labor standards act, 06486
Mink production, 01583
Minority Business Enterprise Office access (periodical), 01595
Minority Business Enterprise Office press release, 02454
Minority business opportunity committee handbook, 00082
Minority cadets at United States Air Force Academy, 04798
Minority group employment in Federal Government, 00075
Minority institutions science impovement, 08793
Minority rule and refugees in Africa, role of All Africa Conference of Churches, 04099
Minority vendors program, 05786
Minutes, Census Advisory Committee on Small Areas, 07283
Mironovskaya wheats, 11573
Miscellaneous, 06267
Miscellaneous Coast Guard bills, 07475
Miscellaneous publication MP series, 06414
Miscellany of Mao Tse-tung thought, 05518-9
Miss Keku documentation, 11377
Missing in action in Southeast Asia, 07400
Mission and policies of National Center for Health Statistics, 11679
Mission oriented R&D and advancement of technology, 10204
Mission to inner planets, 11672
Mission to Jupiter, 05639
Mississippi cottonwoods outperform local clones near Cairo, Ill., 05395
Mississippi forest inudstries, 06673
Mississippi landings, 02302
Mississippi River and tributaries Greenville Harbor, Miss., 01139
Mississippi River, (lower) east bank, Warren to Wilkinson Counties, Miss., Vicksburg-Yazoo area, 02962, 03317
Mississippi River, east bank, Warren to Wilkinson Counties, Miss., 02961, 03316
Missouri River basin, Missouri River basin from Williston, N. Dak., to Sioux City, Iowa, 00444
Missouri-Mississippi River summary & forecasts, 02303
Mobidity and mortality weekly report, 02327
Mobile home loan operating handbook, 05456
Mobility of population of United States, 03949
Model aircraft operating standards, 10893
Model cities impact on better communities, 09060
Model cities program, 10 model cities, comparative analysis of 2d round planning years, 03430
Model CM-1106 CD vortex-shedding current meter, 11185

Model documents for evaluation, approval, and inspection of manufactured buildings, text and appendixes, 06909
Model ET-U vibra-tension, 11694
Model for estimating mental health needs using 1970 census socioeconomic data, 10296
Model RB 100, portable wave recorder, 09556
Model State method of sale of commodities, 1973, regulation, 00558
Model State open dating regulation, 00559
Model State weighmaster law, 05646
Model State weights and measures law, 09516
Model test of box inlet drop spillway and stilling basin proposed for Tillatoba Creek, Tallahatchie County, Miss., 02802
Model weights & measures ordinance, 03630
Model WQMS-101A, portable water quality monitoring system, 09558
Model 418, Alpine wave meter, 01485
Model 9010 wave and tide monitor, 11693
Modeling and mathematization in psychology, 00508
Modeling high-pressure-ratio centrifugal compressor, 00036
Modeling of cotton insect populations, 05923
Modeling of human force and motion-sensing mechanisms, 00030
Modeling of turbulent transport in surface layer, 03601
Models and methods for long-range economic and manpower forecasting, 03984
Models of unified system of electronic computers, 03529
Modern control concepts in hydrology, 08715
Modification of fish ladders, Bonneville Dam, Columbia River, Oreg. and Wash, 09268
Modification of three-dimensional supersonic nozzle modification, analysis and comparison with experimental data, 08722
Modified method of implanting monopolar cortical electrodes in large laboratory animals, 07957
Modular wastewater treatment system demonstration for textile maintenance industry, 10842
Mohawk-Hudson area survey, report, 01549
Moisture and freeze-thaw effects on rigid thermal insulations, 10813
Molasses market news, 02304
Molecular attenuation and phase dispersion between 40 and 140-GHz for path models from different altitudes, 00806
Money income in 1972 of families and persons in United States, 06091
Money payments in perspective, 03368
Monitoring of sodium-water leak-tightness of sodium-heated steam generators by hydrogen dosage industrial application to C.G.V.S., 09690
Monitoring radionuclides in reactor effluents, 09287
Monte Carlo analysis of rarefied-gas diffusion including variance reduction using theory of Markov random walks, 05626
Monthly benefit statistics, 00636, 02307-8
Monthly bibliography of medical reviews, 02309
Monthly catalog of United States Government publications, 02310
Monthly checklist of State publications, 02311
Monthly climatic data for world, 02312
Monthly commodity futures statistics on futures trading in commodities regulated under Commodity exchange act, 02313
Monthly cotton linters review, 02314
Monthly department store sales in selected areas, 02606
Monthly labor review, reprint, 03541, 05557, 06808, 07950-1, 08683, 09439-44, 10164
Monthly labor review, 02316
Monthly release [of] Federal civilian manpower statistics, 02317
Monthly report on Federal personnel and pay, 02318
Monthly statement of receipts and outlays of United States Government, 02321
Monthly summary, Gulf Stream, 02322
Monthly supplement to Merchabt vessels of United States, 02323
Monthly vital statistics report, 02324
Monthly weather review, 02325
Monthly wholesale trade, 01839
Moored balloons, kites, unmanned rockets, and unmanned free balloons, 10888
More competition needed in Federal procurement of automatic data processing equipment, 10081
More effective public service, 09936
More intensive reforestation and timber stand improvement programs could help meet timber demand, 07841
More usable dead or damaged trees should be salvaged to help meet timber demand, 01247
Mortality trends, age, color, sex, United States, 06932
Mortgage credit analysis for mortgage insurance on 1-4 family properties, 05453
Mortgage credit analysis for project mortgage insurance handbook, 05454, 06720
Mortgage insurance for lower income families, 05455
Mortgage insurance for lower income families rehabilitation housing, basic instructions, 11550
Mortgagees' guide, application through commitment, 10109
Mortgagees' guide, home mortgage insurance, 10964
Mosaic, 02328
Motion and morphology of dryline, 11183
Motion of vehicle with lifting airfoils over rippled water surface, 09391
Motion software for synergistic six-degree-of-freedom motion base, 05618
Motor carrier accident investigation reports, 00537, 01384-5, 03573-4, 06843, 09476-7
Motor carrier safety regulations, 08015
Motor carriers, 05501
Motor gasolines, summer, 05589
Motor vehicle accidents, 09370
Motor-vehicle registrations by standard metropolitan areas, 00368
Motor vehicle safety defect recall campaigns, 02329
Motorless flight research, 04603
Mount McKinley National Park, 05710
Mourning dove status report, 10437
Mover households, 00758
MP series, 06414, 09248
MSFC Skylab contamination control systems mission evaluation, 11112
MSFC sortie spacelab environmental control system (ECS) phase B design study results, 10233
MTMTS port handling billing rates, 03908
MTS series, 02278
Multiengine airplane class and type ratings, 01230
Multifamily housing, 06726
Multifamily reports and forms catalog, 03428, 10112-3

Multilateral assistance for agricultural development, 04338
Multinational corporation and world economy, 00213
Multinational corporations and United States foreign policy, 06384, 10769
Multiparameter oil pollution source identification system, 04372
Multiple regression technique for Pth degree polynomials with and without linear cross products, 08726
Multiple source funding and management of cummunity mental health facilities, 06959
Multispectral study of extratropical cyclone with Nimbus 3 medium resolution infrared radiometer data, 06854
Municipal and industrial water requirements from Dry Creek, Russian River basin, Calif., 11731
Municipal and industrial water requirements, Bayou Dorcheat Reservoir, Ark., 09590
Muscadine grapes, fruit for the South, 02814
Museum services, 1973, 05169
Museums, USA, 05660
Mushrooms, 05870
Mutual defense assistance, 05838, 05844, 07057
Mutual defense assistance, cash contribution by Japan, 00679
Mutual development and cooperation act of 1973, 00118
Mycoses surveillance, 00784

N

N.L.R.B. and collective bargaining, 10305
N.L.R.B. election report, 02330
N. S. Savannah, 09026
Naming Federal office building in Dallas, Tex., Earle Cabell Federal Building, 03194
Naming lake to be created by the Buchanan Dam on the Chowchilla River, Calif., H. V. Eastman Lake, 09142
Nanosecond electron accelerator, 03526
Narcotic addict treatment act of 1974, 08364
Narcotics situation in southeast Asia, 00130
Narrow energy band filters for a 250 kV constant potential X-ray machine, 09699
Narrow fabrics, 00066
NASA activities, 02331
NASA authorization for fiscal year 1975, 09177, 09907
NASA authorization, 1975, 09113
NASA contractor report CR series, 00540-48, 01388-94, 03576-93, 04600-11, 05608-10, 06844-46, 8017-40, 08710-15, 09479-83, 10205-212, 11086-94
NASA educational publications, 09484
NASA EP series, 00549, 01395-6, 04612-14
NASA film list, 05611
NASA grant handbook instruction, 02332
NASA headquarters telephone directory, 02333
NASA-industry-university aerospace awareness program guidelines, 00555
NASA 1973 payload model, space opportunities 1973-91, 10213
NASA procurement regulation directive, 02334
NASA report to educators, 02335
NASA Source Evaluation Board manual, 04615
NASA SP (series), 00550-00551, 01397-01400, 01605-6, 03594-96, 04616-19, 06847, 06849-51, 08041, 08716-7, 09485-87, 10214, 11095-96, 11649-52
NASA tech briefs, 02336
NASA technical memorandum, 06852, 08042-49, 08718-24, 08746-47, 09488-98, 10215-233, 11097-11120, 11653-59
NASA technical note TN series, 00552-53, 01401-12, 03597-615, 4620-32, 05613-34, 06853-97, 08050-80, 08725-42, 09499-510, 10234-258, 11121-155, 11660-68
NASA technical report R (series), 01413-14, 03616-18, 05635, 08081, 09511, 10259-260, 11156-57, 11669
NASA technical translation TT (series), 00554, 03619-22, 06898-06900, 08082-83, 08743, 09512, 10261, 11158
NASA-industry-university aerospace awareness program guidelines, 00555
NASA's equal employment opportunity program, 07461
NASA's university program, active grants and research contracts, 10262
Natick Laboratories technical report, 04832-54
Nation-wide roster of professional minority consulting firms, 10854
Nation's energy future, 04899
National Academy of Sciences, National Academy of Engineering, National Research Council, annual report, 09135, 09478
National Aeronautics and Space Administration procurement regulations, 02337
National Agricultural Library press releases, 02479
National Agricultural Library summary of activities, 08749
National air monitoring program, air quality and emissions trends, 06582-3
National air quality levels and trends in total suspended particulates and sulfur dioxide determined by data in National Air Surveillance Network, 10500
National airport system plan, 04394-6, 04405
National ambulatory medical survey, background and methodology, 11171
National and regional variations in earnings under social security, 01550
National apprenticeship and training standards for orthotic and prosthetic standards, 03898
National apprenticeship standards for ophthalmic finisher-dispenser, 04820
National Archives and Records Service microfilm publications, 03624
National Archives and Records Service special list, 06902
National Archives inventory series, 03625, 04633-34
National assessment of educational progress, project of Education Commission of States, 01091-93, 09263
National aviation system planning review conference summary report, 05343
National building standards act, 03047
National Bureau of Standards at a glance, 08090
National Bureau of Standards handbook, 00557, 06904
National Bureau of Standards monograph, 03631-34, 11164
National Bureau of Standards press releases, 02455
National Bureau of Standards special publication, 03639-41, 04636-37, 05648-49, 06911-14, 08098-99, 09515-16, 10266-68, 11166
National Bureau of Standards technical note, 00561-62, 01419-27, 03643-48, 06915-23, 08100-5, 08757-61, 09519-24, 10269-272, 11167-68
National cancer act amendments of 1974, 10737
National cancer amendments of 1974, 09036
National Cancer Institute NCI monograph, 03649, 10274
National cancer program, 04640-45, 06926, 08107, 11678

National Cancer program and international cancer research, 10274
National cemetery system study, 06407
National Clearinghouse for Mental Health Information, 08775
National Clearinghouse for Poison Control Centers bulletin, 02338
National coal conversion act, 07521
National Commission on Consumer Finance, 04191
National Commission on Consumer Finance technical studies, 06934
National Commission on Libraries and Information Science, annual report, 06933
National community arts program, 11553
National Conference on Managing Environment, final conference report, 00348
National conference on Watercraft Waste Disposal, 11732
National Council for the Arts, annual report, 10281
National Credit Union Administration research report, 05659
National Credit Union Administration rules and regulations, 06935, 08113
National diabetes act of 1973, 07421
National diabetes research and education act, 1973, 04239, 10728
National east coast winter storms operations plan, 03666
National electric rate book, 01208-10, 02339, 03343-46, 04409-13, 06619-22, 10033-34, 11509-11
National emergency, 00238, 07566
National emergency readiness of Federal personnel managment manual, 01991
National emergency standby regulations and instructions, FPM supplement, 01994
National emissions inventory of sources and emissions of chromium, 08549
National emissions inventory of sources and emissions of magnesium, 08550
National emissions inventory of sources and emissions of molybdenum, 08551
National emissions inventory of sources and emissions of silver, 08552
National Endowment for the Arts, annual report, 10281
National Endowment for the Humanities program announcement, 03658
National Endowments for the Arts guide to programs, 03657
National energy emergency act of 1973, 03221
National energy research, 08399
National environmental policy act, 07531
National Environmental Research Center, 00350
National Environmental Research Center, Cincinnati, Ohio active research tasks report, 00324
National Environmental Research Center, Cincinnati, Ohio, 1972 annual report, 01178
National Environmental Research Center, EPS's 4 city research center, 00350
National Environmental Research Center, Research Triangle Park, N.C., 01179
National Environmental Research Center, Research Triangle Park, N.C., annual report, 00349
National Fertilizer Development Center bulletins, 03802, 05879, 07083
National flood insurance program, 10968
National food situation, 02340
National forest environmental management act, 08468
National forest log scaling handbook, 10933
National forests fire report, 04433
National Foundation on Arts and Humanities amendments of 1973, 03019
National fuels and energy conservation act, 03166, 05097
National gas survey and synthetic fuel development, 09764
National Geodetic Survey data, availability, explanation, application, 08142
National guard modernization program, 00665
National Guard retirement, 04138
National Guard technicians, merit promotion program, 03660
National Guard technicians, reduction in force, 11682
National health expenditures, calendar years 1929-72, 08213
National health expenditures, fiscal year 1973, 08210
National health insurance, brief outline of pending bills, 09204
National health insurance proposals, provisions of bills introduced in 93rd Congress as of Feb. 1974, 09611
National health planning and development act, 1974, 09232
National high blood pressure education program, 05668, 06937-40
National Historic Preservation Week, 09167
National improvement plan, hatcheries, dealers, and independent flocks, 05916-17
National Indian goals and progress act, 00227
National Institute of Law Enforcement and Criminal Justice monograph series, 07939-40, 08677, 09430
National Institutes of Health annual report of International activities, 07906
National Institutes of Health 1973 annual report, 10302
National Institutes of Health statistical reference book of international activities, fiscal year 1973 funds, 10983
National Institutes of Health, profile, 01468
National Labor Relations Board field manual, 02341
National Labor Relations Board press releases, 02480
National lending service, 08769
National Library of Medicine current catalog, cumulative listing, 02342
National Library of Medicine current catalog, monthly listing, 02343
National Library of Medicine, programs and services, 05690
National Marine Fisheries Service circulars, 00593-94, 01470
National Marine Fisheries Service statistical digest, 05694
National materials policy, 05148
National medals to honor late J. Edgar Hoover, 04075
National Medical Audiovisual Center, motion picture and videotape catalog, 04675
National Memorial Cemetery of the Pacific, 05905
National no-fault motor vehicle insurance act, 00207, 06374, 09162
National nosocomial infections study, reports., 02345
National Nurse Week, 01002
National nutrition policy, 09234-36, 09956-62
National nutrition policy study, 10782-88
National nutrition policy, nutrition, health, and development, 11437
National nutrition program for elderly, 10488

National Nutrition Week, 00993
National Oceanic and Atmospheric Administration press releases, 02455
National Oceanographic Instrumentation Center technical bulletin, 10329
National Oceanographic Instrumentation Center tests in progress sheet, 02346
National patterns of R&D resources, funds & manpower in United States, 11194
National plan for development of microwave landing system, 11272, 11503
National plan for photovoltaic conversion of solar energy (address), 10343
National plan for rocketsonde support for special events, 10311
National poultry improvement plan and auxiliary provisions, 05919
National priorities and budgetary process, 06204
National program for continuing environmental monitoring for marine leg of Trans-Alaska pipeline system, 06973
National program for managing flood losses, 01260
National public works investment policy, 08434
National Reading Center, 1776-1976, right to read, 05290
National recreation trails, information and application procedure, 05751
National resource lands management act, 09905
National school lunch act, 04096
National school lunch act and child nutrition act amendments of 1974, 09170
National school lunch and Child nutrition acts amendments of 1973, 03027, 03161, 03189
National Science Board NSB series, 03680
National Science Foundation annual report, 06222, 06994
National Science Foundation grants and awards, 08803
National Science Foundation news, 02481
National sea grant college program authorization, 07472
National search and rescue manual., 08324
National securities market system act, 06372
National security act of 1947, 00122
National security policy and changing world power alignment, 09071
National Security Seminar, background readings, 00494
National Security Seminar, presentation outlines, 05503
National severe local storms operation plan, 08144
National Severe Storms Laboratory project highlights, 10883
National shoreline study, 01111
National standard reference data series, 09514
National status on control of garbage-feeding, 02347
National Student Volunteer Program synergist (periodical), 02640
National survey of compensation paid scientists and engineers engaged in research and development, activities, report, 04895
National survey of court organization, 05551
National survey of professional, administrative, technical, and clerical pay, 04567, 06807
National tourism act of 1973, 10764
National training institute, course outline on growing hashish traffic, 04336
National Transportation Safety Board decisions, 08161
National Transportation Safety Board safety information releases, 02482
National travel survey, 00765
National union catalog, 02348
National union catalog of manuscript collections, 1972, index 1970-72, 11033
National Volunteer Week, 09158
National Water Commission report, 07532
National Weather Service communications handbook, 9572, 11699
National Weather Service offices and stations, 08809
National Weather Service River Forecast System, snow accumulation and ablation model, 10319
NATO commemorative aerogramme, 10482
Natural disaster monitoring, warning dissemination, and community preparedness, 08470
Natural gas act, 11512
Natural gas as automotive fuel, experimental study, 04587
Natural gas industry, 08501, 09224
Natural gas policy issues and options, 05141
Natural history of Laysan Island, northwestern Hawaiian islands, 08835
Natural precipitation washout of sulfur compounds from plumes, 11477
Natural regeneration of lodgepole pine in south-central Oregon, 05403
Natural resources, weekly Government abstracts, 02775-76
Natural vegetation of Oregon and Washington, 03397
Nautical almanac for year 1975, 11702
Navajo Indian Irrigation Project, 00461, 11220
Navajo Dam and Lake, 03720
Naval Air Development Center report NADC series, 08176
Naval aviation news, 02351
Naval civil engineer, 02357
Naval communications station design, 08810
Naval nuclear propulsion program, 06200
Naval Oceanographic Office technical reports, 03691, 08811
Naval Petroleum Reserve Numbered 1, Elk Hills, Calif., 05115
Naval petroleum reserves, 06272-73
Naval research logistics quarterly, 02352
Naval research reviews, 02353
Naval reservists, 02354
Naval shore electronics criteria, 08810
Naval stores., 02355
Navigation channel improvements, Barnegat Inlet, N.J., hydraulic model investigation, 10818
Navigations and inertial devices, 07918
Navigator (periodical), 02356, 02357
Navy lifeline, naval safety journal, 02358
Navy Medical Neuropsychiatric Research Unit, San Diego, Calif. report, 06819-22
Navy procurement directives, 02359, 11211
Navy Supply Corps newsletter, 02360
Nawiliwili Small Boat Harbor, 00316
NBCCA legislative report, 00563
NBS consumer information series, 03636
NBS corridor fire tests, energy and radiation models, 06919
NBS film catalog, 05647
NBS list of publications, 03637
NBS materials science and manufacturing in space research, 08095
NBS monograph, 03638, 08091
NBS publication announcement, 02361
NBS reactor, summary of activities, 09521
NBSIR series, 06906-9, 08092-7, 08754, 10265
NCI monographs, 00564, 03649
NCUA quarterly, 02362

Need for better identification and analysis of nontariff barriers to trade, 06689
Need for faster way to pay compensation claims to disabled Federal employees, 06690
Need for increased supergrade positions in executive branch, 07440
Negotiation and statecraft, 08489
Neighborhood facilities grant program applicant handbook, 09355
Neighborhood facilities, study of operating facilities, 03421
NEISS news, 02363
Nematosporaceae (Hemiascomycetidae), pathogenicity, distribution, and vector relations, 04794
Nervous system studies, 06784
NESS, National Environmental Satellite Service, 08783
Nesting helps, birdhouse construction guide, 08871
Netherlands, pilot country commercial program, 07329
Network management survey, 08102
Network user information support, 06922
Neurology-psychiatry in People's Republic of China, 07907
Nevada, land of contrasts, 1973 soil and water conservation report, 10427
New alloy for penny, 06344
New approaches to physical and behavioral adaptation in schools, USSR study, 05524
New automatic channel switching telegraph stations, 07929
New braille musician, 05560
New careers program handbook, 04573
New coinage design and date emblematic of the Bicentennial of American Revolution, 03015
New Communities Administration, Department of Housing and Urban Development file manual, 11162
New communities in selected European countries, 10969
New communities in United States, American approach to new towns, 07889
New Crestaceous formations in western Wyoming thrust belt, 05421
New dimensions in transatlantic dialog, Strasbourg, 00131, 04100
New England fisheries, annual summary 1971., 05692
New enrichment plant scheduling, 06047
New export commodity classification, 03954
New Federalism, county government is where it's at, 03858
New for consumers, highlights of new federal consumer publications, 02364
New hydrophobic sections in region of esterase center of cholinesterase, 03494
New Jersey landings, 02365, 04677
New look in food labels, 01232
New materials in engineering, 07914
New mechanization equations for aided inertial navigation systems, 04610
New method for field analysis of plastic concrete, feasibility study, 06496
New Mexico ASCS, annual report 1972 farm programs, 00716
New motor vehicle emission standards and fuel economy, 08412
New one-family homes sold and for sale, 01804
New orbital elements for moon and planets, 04700
New perspectives on Persian Gulf, 06297
New Polychaeta from Beaufort, with key to all species recorded from North Carolina, 06982
New or modified broadcast signs, 01953
New publications of Geological Survey, 02368
New publications, Bureau of Mines, 02366
New reports by Geological Survey about water in Pacific Northwest, 02369
New serial titles, 02370-71
New series for large manufacturing corporations, 05371
New supplemental security income program, impact on current benefits and unresolved issues, 05011
New technique for calculating reentry base heating, 08065
New technology to end cruelty at horse shows, 00018
New York landings, 02372
New York landings, annual summary, 11181
New York offshore airport feasibility study, 11789
New York USDA, ASCS 1972 annual report, 00717
New York., 00051
News & features from NIH, portfolio series, 02373
News for farmer cooperatives, 02374
News of environmental research in Cincinnati, 09286-90
Newsletter for research in mental health and behavioral sciences, 02376
Newsletter of U.S. Army Medical Department, 02377
Newspapers in microform, foreign countries, 1948-72, 07955
Newspapers in microform, United States, 1948-72, 05561
NFS series, 02340
NGB pamphlet, 05662-64, 08114, 10282
NHLI'S blood resource studies, 01439
Niagara River treaty, 05828
NiAid fiscal year awards, 10303
NINDS monographs, 01464
NINDS multiple sclerosis research program, 05683
NINDS research profiles, 1973, summary of research at National Institute of Neurological Diseases and Stroke, 06963
Nine-one-one, emergency telephone number, 03800
Nineteen seventy one-seventy two accidents of class I motor carriers of passengers, 06842
Nineteen seventy three brought change and progress for Southern Forest Experiment Station, 08588, 10067
Nineteen seventy-four budget scorekeeping report, 06311, 09864
Nineteen-seventy-four gas mileage guide for car buyers, 04387, 05334
Nineteen seventy four salute Maritime employees, 09454
Nineteen seventy five budget scorekeeping report, 09865
Nineteen-seventy-five National Science Foundation authorization, 10713
Ninety-nine facts about FBI, questions and answers, 05346
Nitrate and nitrite volatilization by microorganisms in laboratory experiments, 04363
Nitrification and denitrification facilities, wastewater treatment, 11269
Nitrogen narcosis and visual evoked responses in unanesthetized cat, 06829
Nitrogen removal by ammonia stripping, 07761
Nitrogen sources and cycling in natural waters, 00325
NLRB statistical summary, 02379

No-fault insurance, 09225
NOAA (periodical), 02380
NOAA motion picture films, 10313
NOAA products and services pertaining to New York Bight, 09555
NOAA publications announcement, 06974
NOAA story, 10314
NOAA technical memorandum, 00589-90, 01477, 03667, 05699, 06975, 08145, 10315-321, 11183, 11692
NOAA technical report, 00591-4, 01478-84, 03668-72, 04681, 05700-4, 06976-88, 09552-54, 10322-327
Noise and vibration control on seagoing vessels, 03506
Noise and wake structure measurements in subsonic tip speed fan, 04606
Noise dosimeter performance, 11066
Noise source abatement technology and cost analysis including retrofitting, 04379
Nomination, 01036-41, 04240-41, 06400, 07562, 10781
Nomination of Staudt and Shrontz, 01016
Nomination of Cowan and Sullivan, 08472
Nomination of Garth Marston, 10758
Nomination of Gerald R. Ford of Michigan to be Vice President of United States, 04159, 04260
Nomination of Gerald R. Ford to be Vice President of United States, 05075
Nomination of Henry A. Kissinger, 00222-23
Nomination of Hoffmann and Lowe, 10755
Nomination of J.Stanley Pottinger to be Assistant Attorney General in charge of Civil Rights Division, 01034
Nomination of James L. Mitchell and James W. Jamieson, 10759
Nomination of James W. Plummer, 05116
Nomination of John R. Stevenson, 04203
Nomination of McLucas and Brown, 00201
Nomination of Marjorie W. Lynch to be Associate Director of ACTION for Domestic and Anti-Poverty Operations, 07562
Nomination of Richard Helms to be ambassador to Iran and CIA international and domestic activities, 08485
Nomination of Robert Hayes Robertson to Board of Governors, U.S. Postal Service, 10789
Nomination of William B. Saxbe to be Attorney General, 07544
Nomination of William D. Ruckelshaus to be Deputy Attorney General, hearings, 93d Congress, 1st session, Aug. 2-Sept. 13, 1973, 05155
Nomination of William E. Colby, 00202
Nomination of William John Fellner, 04192
Nomination, Jan. 1974, 08478
Nominations, 01023, 01042, 09209
Nominations of Augustine, Potter, LaBerge, and McCullen,jr., 01017
Nominations of Henry C. Wallich, Irving M. Pollack and Jerome W. Van Gorkom, 08474
Nominations of Hugh F. Owens and Glenn E. Anderson , 04193
Nominations of Hugh F. Owens and Glenn E. Anderson, hearing, 93d Congress, 1st session, on nominations of Hugh F. Owens and Glenn E. Anderson to be directors of Securities Investor Protection Corporation, Nov.1,1973., 04193
Nominations of James D. McKevitt, Robert G. Dixon, Jr., to be Assistant Attorneys General, 03249
Nominations of James E. Smith,Thomas R. Bomar, Grady Perry, Jr., Gloria E.A. Toote, Robert C. Holland, and John R. Evans, 05121
Nominations of James S. Dwight, Jr., William A. Morrill, and Lewis M. Helm, 04199
Nominations of John O. Marsh, Jr., and Jerry W. Friedheim, 06368
Nominations of Joseph T. Sneed to be Deputy Attorney General and Robert H. Bork to be Solicitor General, 05156
Nominations of Meade Whitaker, James B. Cardwell, John B. Rinelander, Goodwin Chase, and Norman B. Houston, 11433
Nominations of Raymond A. Harris, Henry F. Trione, and Charles J. Urstadt, 09193
Nominations of William E. Simon and David R. MacDonald, 09927
Nominations of William J. Casey and Ralph D. DeNunzio, 07469
Nomination, Sept.-Dec., 09195
Nominations to superior court, city council, and Redevelopment Land Agency, 04195
Nomograph for estimating hydrocarbon lease bonus bids in Guld of Mexico, 01373
Nomographs for thermal pollution control systems, 05327
Non-coherent model for microwave emissions and backscattering from sea surface, 03590
Non-GPO imprints received in Library of Congress, 01364
Noncaking coal gasified in stirred-bed producer, 10198
Nonconserving crop failures, 03174
Noncontiguous trade, 02998
Nondegradation policy of Clean air act, 04255
Nondestructive testing of construction materials and operations, 06497
Nondiscrimination in Federally-assisted programs, 10122
Nonfat dry milk, 03790, 05871
Nonfat dry milk and animal feeds containing milk or milk derivatives, 08252
Nongovernment organization codes for military standard contract administration procedures (MILSCAP), 02381-82, 03255, 09975
Nonionizing radiation measurement capabilities, State and Federal agencies, 00608
Non-liner behavior of fiber composite laminates, 09479
Nonlinear transient analysis of multi-mass flexible rotors, theory and applications, 03581
Nonprior service college graduate airmen responses to selected questions from Mar.1971 Airman Sample Survey, 05967
Nonreal estate farm debt, 1973, 06601
Nontariff trade barriers, 11268
Nonwoven fabrics, 11320
Norfolk and Western Railway Co., 11225
Normal carboxyhemoglobin levels of blood donors, 07735
North Atlantic Ocean Stations, 00689
North Atlantic regional water resources study, 01505-28, 03694
North Carolina landings, 02383
North Carolina landings, annual summary, 10308
North Cascades National Park, Ross Lake & Lake Chelan National Recreation Areas, Wash., 01492
North Central Airlines, Inc., 00597
North Fork Kentucky River and Trace Fork, vicinity of Hazard, Ky., 07690
North Indian tropical cyclone strike probabilities, 05725
North Rim, Grand Canyon National Park, Ariz., 01493
Northeast rail transportation, 00141-42
Northeastern railroad transportation crisis, 06373
Northeastern Station, 1972, 04434

NOS technical manuals, 06971
Notes for medical catalogers, 06966
Notes from Washington, 03839
Notice, drug arrests abroad, 10440
Notice to mariners, 02384
Notice to mariners relating to Great Lakes and tributary waters west of Montreal, 02385
Notice to recipients of accessions list-Pakistan, 03543
Notices to airmen, 01634
Noticias de la semana, a news summary for Hispanos, 02387
Nov. 9, 1972-Feb. 1, 1973, 07592
Now frontier linking earth and planets, 11670-3
Now frontier, man links earth and planets, Pioneer to Jupiter, 05636-40
Nozzle drop support for high-clearance sprayer, 05984
NRL memorandum report series, 09574
NRL report, 01500-1, 03692-93, 04696-99, 06999, 07005, 08166-74, 09575-77, 10357-364, 11202-210, 11703-705
NSLI, national service life insurance information and premium rates, V and H polices, 05903
NTIS software and data files, 08159
NTSB-AAS series, 08806, 09571
Nu-averaged infrared absorption coefficients of water vapor, 01480
Nuclear gages for monitoring coalbed of commercial-scale pressurized gas producers, 03566
Nuclear industry, 07240
Nuclear instrument landing system, 06049
Nuclear medicine laboratory, 10392
Nuclear meter for monitoring sulfur content of coal streams, 08011
Nuclear power plant design analysis, 06055
Nuclear pumping in molecular gas laser, 00509
Nuclear reactors built, being built, or planned in United States, 00751
Nuclear safety, 02388
Nuclear science abstracts, 02389, 11311
Nuclear science abstracts index, 02390
Nuclear science series, 09701
Nuclear stimulation of natural gas, 05149
Nueces River project, Tex., 07417
Number of Filipinos by counties of United States, 00781
Numerical analysis of stiffened shells of revolution, 00541-44, 01389, 03576-77
Numerical experiment on prediction of northeast (winter) monsoon in Southeast Asia, 01478
Numerical integration of continuity equations, 05323
Numerical lists and schedule of volumes of reports and documents, 91st Congress, 2d session, 03715
Numerical lists and schedule of volumes of reports and doucments 92d Congress, 1st session, 01537
Numerical marching techniques for fluid flows with heat transfer, 06847
Numerical model of ride dynamics of a vehicle using a segmented tire concept, 01145
Numerical simulation of noise propagation in jet engines ducts, 04623
Numerical specifications of financial variables and their role in monetary policy, 08575
Numerical weather prediction activities, National Meteorological Center, 04694
Nurse anesthetists in Veterans Administration hospitals , 11282
Nurse staffing methodology, review and critique of selected literature, 00447
Nurse supply and needs, 05441
Nursing home mortgage insurance, 06729
Nursing procedures, 01369
Nutrition and consumer, 09957-8
Nutrition and disease, 09238
Nutrition and food availability, 09234
Nutrition and health, 09959
Nutrition and international situation, 09235, 09960
Nutrition and the elderly, 01049, 09239
Nutrition education, 04245-46
Nutrition program news, 02391
Nutrition project information system, 10488
NWC technical publication TP series, 08177-80
NWL administrative report, 07008
NWL precision ephemeris, 05744
NWL technical report, 04700-7, 05728-47
NX borehole jack modulus determinations in homogeneous, isotropic, elastic materials, 11056

O

OASIA research technical report, 10477
OBR series, 00281-89, 00289, 01079-80, 02413, 03298-303, 04329-34, 05266-74, 06459-63, 07639-41, 08528-31
Observations of sun outside atmosphere, 09424
Observations on housing allowances and experimental housing allowance programs, 08605
Observations on occurrence of dermatomycosis in colony of Long-Evans rats, 04840
Observations on technology transfer between U.S. and U.S.S.R., 08327
Observed statistical behavior of radar moon echo signals, 11208
Obstruction marking and lighting, 07787
Obtain tax deferral through Domestic International Sales Corporation (DISC), 08527
Ocala National Forest, 03400
Occupant behavior in building fires, 09523
Occupational characteristics, 03939
Occupational earnings and wage trends in metropolitan areas, 09445
Occupational employment railroad equipment industry, 11586
Occupational exposure to chromic acid, 08120
Occupational exposure to inorganic mercury, 08121
Occupational exposure to toluene, 08122
Occupational exposure to toluene diisocyanate, 08123
Occupational exposure to trichloroethylene, 08124
Occupational injuries and illnesses by industry, July 1-Dec. 31, 1971, 06803
Occupational outlook quarterly, 02392
Occupational safety and health, 04709-10, 10366, 11713
Occupational Safety and Health Administration technical notes, 02645
Occupational safety and health statistics of Federal Government, 01529
Occupational safety and health, Maritime standards and interprepations, 05749
Occupational safety and health, other regulations and procedures, 01530
Occupational safety and health: v.3, Construction standards and interpretations., 08814
Occupations of persons with high earnings, 03940
Ocean dumping, 04132
Ocean dumping and other man-induced changes to ocean ecosystmes, Oct. 1972-Dec. 1973, report to Congress, 11184
Ocean dumping convention implementation, 03034, 10734

Ocean dumping in New York Bight, assessment of environmental studies, 05295
Ocean freight rate guidelines for shippers, 07331
Ocean outfalls and other methods of treated wastewater disposal in southeast Florida, 01180
Ocean pollution, 07477
Ocean Science and Technology Division report availability notice, 08813
Ocean technology & engineering, weekly Government abstracts, 02777
Ocean thermal energy conversion, 09565
Oceanariums provide aquatic excitement for visitors of all ages, 08876
Oceangoing merchant ships of 1,000 gross tons and over, scrapped and lost during calendar year, 06816
Oceanographic conditions off Washington coast, 03668
Oceans and National Economic Development Conference, 05126
October 1973 NASA mission model analysis and economic assessment, 10230
October 1973 space shuttle traffic model, 10229
Odors emitted from raw and digested sewage sludge, 07767
OEO pamphlet, 06470
Offensive (Soviet view), 03888
Office of Attorney General, 05174
Office of Minority Business Enterprise funded organizations, 00083
Office of Research and Statistics staff paper, 05795, 10416
Office of Special Representative for Trade Negotiations press releases, 02488
Office of Technology Assessment, 09116
Officer personnel reporting system, 05664
Officer's handbook on unit administration and services, 06779
Official gazette of Patent Office, 02393-4
Official opening and closing hours of Board of Governors and Federal reserve banks and branches, 02395
Official reports of Supreme Court, 02396
Official summary of security transactions and holdings, 02397
Offshore investigation, producible shut-in leases, 09805
Offshore nuclear power siting, 10527, 09082
Offshore oil drilling at Santa Barbara, 08402
Offshore oil terminal design considerations for United States waters, 08690
Offshore petroleum studies, 01373
Offshore ports and terminals, 04133
Offshore shrimp fisheries act, 06196, 06241, 09881
OH-6A design and operational flight loads study, 08291
Ohio drainage guide, 00643
Ohio River summary and forecasts, 02398
Oil and gas energy tax act of 1974, 09040
Oil and Gas Office press releases, 02483
Oil and hazardous substances program series, 00706
Oil company profitability, 05132
Oil identification state of art, 09288
Oil import totals, 02399
Oil negotiations, OPEC, and stability of supply, 05061
Oil pollution act amendments of 1973, 03162
Oil price rollback legislation, 09937
Oil recovery system using sorbent material, 07763
Oil shale development, 05071, 09083
Oil spill, Long Island Sound, environmental effects, 00708
Oklahoma forest industries, 06675
Old age, survivors, disability and health insurance summary benefit data, 00636
Older Americans are national resource, 07098
Older Americans in ACTION, 02400
Older Americans nutrition program, 09063
Older Americans, facts about incomes and housing, 04495
Oligocene stratigraphy, tectonics, and paleogeography southwest of San Andreas fault, Santa Cruz Mountains and Gabilan Range, California Coast Ranges, 05434
Omega navigational station, 03773
Omni-directional illumination for printed circuit board inspection, 02850
On approaches to MHD-power generation, 08662
On Civil Service retirement system, 04950
On evaluating compliance with air pollution levels not to be exceeded more than once per year, 11130
On Federal merit promotion policy, 08323
On financial protection for Federal employees, 08322
On growth and collapse of mixed regions in stratificd fluids, 08168
On guard, Motor Carrier Safety Bureau bulletin, 02401
On indirect pressure estimation from measurements of height and temperature, 03903
On measurement of Rayleigh scattering by gases at 6328A, 03614
On meeting your financial obligations, 11333
On reductions in force in Federal agencies, 00795
On relationship between acoustic energy density flux near jet axis and far-field acoustic intensity, 06856
On scene, National Maritime SAR review, 02402
On theory of compliant wall drag reduction in turbulent boundary layers, 10209
On use of thick-airfoil theory to design airfoil families with thickness and lift varied independently, 10246
One and two family dwellings, 06725
One centner of grain in 15 minutes, 11010
One housing unit owner occupied properties, 04915
One hundred two monitor, environmental impact statements, 02403
One hundred years of marriage and divorce statistics, 1867-1967, 09530
One nation under God, 07123
One to grow on, film and discussion series for mental health in classroom, 10297
One-three thousand A solar flux for moderate level of solar activity for use in modeling ionosphere and upper atmosphere, 03670
Onion stocks, 10450
ONR report ACR series, 08813
Open beaches, 09103
Open market money rates and bond prices, 02404
Open market operations, 08576
Operating banking offices, supplements, 02405
Operating characteristics of Langley Mach 10 high Reynolds number helium tunnel, 11099
Operating history, U.S. nuclear power reactors, 07241
Operation and organization of Postal Rate Commission, 09108
Operation Breakthrough, Kalamazoo, Mich., 03431
Operation Breakthrough, Macon, Ga., 03432

Operation Breakthrough, site planner's report, 10970-2
Operation MEDIHC for health trained service personnel, 06712
Operation of Analytical Methodology Information Center, 00328
Operational evaluation of ARTS 2 radar alphanumeric display subsystem (RADS), 11258
Operational evaluation of SK-5 air cushion vehicle in Alaska, 05305
Operational products from ITOS scanning radiometer data, 06975
Operations handbook, critical path processing system, 06728
Operations of foreign air carriers, 10017
Operations of municipal and cooperative distributors of TVA power, 1973, 05880
Operations of National Weather Service, 11700
Operations research in forestry, bibliography, 07826
Opinion of Attorney General of United States, 06793
Opportunities for participation in space flight investigations, 02406
Opportunity, 02407
Optical analysis of compound quasi-microscope for planetary landers, 10237
Optical and photoelectric devices, 07919
Optical holography applications for zero-g Atmospheric Cloud Physics Laboratory, 11157
Optical measurement of hydroxyl radical profiles in hydrogen-fueled supersonic combustor, 08746
Optical observations of distant artificial space objects, 06781
Optical radiation measurements, 08757-8
Optics of ocean and atmosphere, 03499
Optimization of wave cancellation in variable porosity transonic wind tunnel flows, 05627
Optimum gas saturation for maximum oil recovery from displacement by water, 11075
Optimum wind soundings and Army fallout prediction accuracies, 03904
Opto-electronic instruments for spacecraft, 00504-5
Orbital mechanics of flight mechanics, 06849
Orderly liquidation of stocks of agricultural commodities, 00354
Ordering time to serve prisoners, manual for planning and administering of work release, 05552
Organ Pipe Cactus National Monument, Ariz., 10333
Organic nutrient factors effecting algal growths, 00326
Organics sampler for water low flow rate carbon adsorption method model LF-2, 07817
Organization of African Unity, 07048
Organization of Federal executive departments and agencies, 06392
Organization, Assistant Secretary for Housing Production and Mortgage Credit-FHA Commissioner, 10114
Organized crime, 07510-1
Ostracodes from Lower Devonian formations in Alaska and Yukon Territory, 04478
OT report, 00084, 00806-10, 02894, 03985-9, 04971-4, 06124-5, 07332-3, 08964
Our American government, what is it? how does it function? 185 questions and answers, 04038
Our Government, 01296
Our international visitors, 05821
Our public lands, 02410
Outdoor recreation action, reports, 02411
Outdoor Recreation Bureau press releases, 02484
Outdoor recreation grants-in-aid manual, 02412
Outdoor recreation research register, 05752
Outdoor recreation research series, 05752
Outdoor recreation, legacy for America, 05753
Outlet works for site 16, Papillion Creek and tributaries, Nebraska, 06534
Outline of Bayesian approach to EML multiple cloud seeding experiments, 00590
Outline of remarks by Richard F. Schubert, 06795
Outlook for dollar, 01223
Outlook for timber in United States, 03394
Outpatient psychiatric services, 10295
Outpatient treatment services in federally funded community mental health centers, 04668
Outstanding gasoline service stations, 04406
Outstanding handicapped Federal employee of year, 1972 award program, 04954
Overcoring equipment and techniques used in rock stress determination, 10183
Overlap, measurement agreement through process evaluation, 00560, 08755-6
Overseas business reports, 00281-9, 01079-80, 02413, 03298-303, 04329-34, 05266-74, 06459-63, 07639-41, 08529-31, 09976-7
Overseas Private Investment Corporation, 03247, 04101, 06384, 07401, 09072
Overseas Private Investment Corporation amendments act, 11422
Overseas Private Investment Corporation critical analysis, 00132
Overseas Private Investment Corporation obligations under Foreign assistance act, 06793
Overseas trade promotions calendar, 03304
Oversight hearings on DC-10 aircraft, 09918
Oversight hearings on older Americans, 09825
Oversight hearings on postal service, 05078
Oversight investigation of Small Business Administration, 08386
Oversight of U.S. Travel Service and report of National Tourism Resources Review, 00208
Oversight of VA hospital programs, 04262
Oversight on economic stabilization, 08475
Oversight on housing and urban development programs, Toledo, Ohio, 03246
Oversight, mandatory petroleum allocation programs, 08492
Overview of Federal Communications Commission, 09919
Oxidation of cement copper by flash roasting, 01378
Oxon Hill Children's Farm, 01494
Oxygenates in automotive exhausts, effect of oxidation catalyst, 08000
Ozarks Regional Commission annual report, 09579-82
Ozarks Regional Commission news releases, 02485
Ozone in water and waste water treatment, bibliography, 10133

P

Pa Mong, key to development of lower Mekong, data summary, 10394
Pa Mong, State 1, phase 2, executive summary, 10394
PA series, 00014, 02817, 03859-74, 04789-90, 05949, 07124-8, 08279
Pacific chart supplement, 02717
Pacific Northwest Environmental Research Laboratory, quarterly progress report, 02415
Pacific Northwest Forest and Range Experiment Station list of available publications, 02248

Pacific Northwest monthly precipitation and temperature, 02416
Pacific Northwest water resources summary, 02417, 11541
Pacific Northwest Water resources, weekly runoff report, 02418
Pacific Southwest Forest and Range Experiment Station list of available publications, 02249
Pacific Southwest Forest and Range Experiment Station publications for 1973, 10068
Package quantities of instant nonfat dry milk, 06924
Package X, informational copies of Federal income tax forms for 1973, 03452
Packers and stockyards resume, 02419
Pakistan [colored map], 03959
Paleontology and stratigraphy of Rabbit Hill Limestone and Lone Mountain Dolomite of central Nevada, 04475
Panama Canal Company, Canal Zone Government, annual report, 06069
Panama Canal review (periodical), 04903, 11314
Panama Canal review en espanol, 03931
Panama Canal spillway, 02420
Panel discussion on thermal power plant siting in Pacific Northwest, 11213
Panoramic maps of Anglo-American cities, 08687
Pantograph positioning system for inspecting microcircuits, 02847
Paper, blotting, 04417
Paper, mimeograph, 04418
Papermaking machinery and parts from Sweden, 03791
Par value modification appropriations, 03025, 03186, 04086
Parachute jumping, 10015
Parachute lofts, 10018
Parallel policies of CPUSA and CPSU, and Communist meaning of coexistence-detente, 07418
Parallel variable metric optimization algorithm, 06864
Parameter estimation techniques and applications in aircraft flight testing, 11666
Parametric study of cut-off corrugated surface properties, 03586
Parametric thermodynamic analysis of closed-cycle gas-laser operation in space, 11142
Parapsychology, science or superstition, USSR study, 03528
Parkinson's disease & related disorders, citations from literature, 02421
Parole reorganization act, 08418
Partial cutting in old-growth spruce-fir, 04445
Partial devolatilization of coal in two entrained-bed carbonizers, 08001
Particulate emissions from alfalfa dehydrating plants, control costs and effectiveness, 06563
Partition of Navajo and Hopi 1882 Reservation, 08398
Parts, materials, and processes experience summary, 06851, 11096
Passenger car license plates, 00369
Patent cooperation treaty and annexed regulations, 00962
Patent law revision, 07545
Patent Office bills, 00150
Patent Office press releases, 02455
Patient care episodes in psychiatric services, 01459
Patients at federally funded rural community mental health centers in 1971, 10299
Patterns and consequences of drug use, 00534
Patterns and perspectives in environmental science, 03680
Patterns and polarizations of simulated conformal arrays, 08172
Patterns of burglary, 00514
Pay and position classification for Selective Service, 03240
Pay structure of Federal civil service, 00798
PCMR message, 02423
Peace Corps, 00693
Peace Corps authorization for fiscal year 1975, 08391
Peace Corps program, 01575
Peanut allotment transfer, 03012
Peanut market news, weekly reports, 02424
Peanut stocks and processing, 00699, 02425
Peculiarities of influence of training of different types on tolerance of human body to extreme heat exposure, 11013
Pending education bills and comments on report of Educational Testing Service, Princeton, N.J., 05092
Pending non-service-connected pension legislation, 07578
Pending water resource projects, 09964
Pending watershed projects, 04257
Penn Central failure and role of financial institutions, 06283
Penn Central Transportation Co., Moline, Mich. Dec.31, 1972., 05779
Pension benefit levels, methodological analysis, 10416
Pension non-service-connected pension legislation, 00946
People's Republic of China scientific abstracts, 02427
Per capita money income for 1969 by counties of United States, 07289
Percent change in Negro population by counties of United States, 07287
Performance analysis of ascent propulsion system of Apollo spacecraft, 08055
Performance characteristics of coal-washing equipment, hydrocyclones, 11638
Performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests, 11135
Performance of flight-type laminar radiator with Brayton power system, 08738
Performance of gas lubricated cruciform-mounted tilting pad journal bearings and damped flexibly mounted spiral-groove thrust bearings, 09489
Performance of sewage stabilization pond in maritime climate, 11546
Performance of transonic compressor rotor with aspect ratio of 6.5, 11145
Performance profiles, private electric utilities, 01211
Performance specifications for stationary-source monitoring systems for gases and visible emissions, 07749
Performance, (periodical), 02428
Peripheral visual response time to colored stimuli, 09498
Periodicals, Economic Research Service, Statistical Reporting Service, U.S. Department of Agriculture, 07654
Permafrost, 04472
Permeability changes and compaction of broken oil shale during retorting, 08004
Permeability of mucus membrane of frontal sinus, 09407
Permit program guidance for self-monitoring and reporting requirements, 04380
Permit sale of stored excess wheat and provide equity in 1973 feed grain program, 04080

Permit use of DDT, 06261
Permitting two Iranian citizens to attend United States Naval Academy, 03023, 03229
Personal health care expenditures by State, 04732
Personal property traffic management regulations, 06453
Personal wealth estimated from estate tax return, 03455
Personality and physiological correlates of performance decrement on monotonous task requiring sustained attention, 10529
Personnel bibliography series, 06114-5, 07312-4
Personnel evaluation in vocational and technical education, 10287
Personnel information systems, 05664
Personnel literature, 02429
Personnel management series, 07315
Personnel methods series, 00076
Persons in institutions and other group quarters, 00055
Persons meeting SMI deductible, 1966-71, 10415
Persons not employed, 00056
Persons of Spanish origin in United States, 04926
Perspective on '73, 00015
Perspectives in defense management, 02430
Pesticide analytical manual, 09326
Pesticides in lower Colorado River, 10004
Pesticides monitoring journal, 02431
Pesticides, actions needed to protect consumer from defective products, 10082
Petersburg National Battlefield, Va., 08785
Petitions for rule making filed, 01953
Petrography and stratigraphy of glacial drift, Mesabi-Vermilion iron range area, northeastern Minnesota, 05419
Petroleum products survey series, 05588-9, 10187
Petroleum refineries in United States and Puerto Rico, 00536
Petroleum systems reliability analysis, 07738
Petroleum weathering, some pathways, fate, and disposition on marine waters, 06544
Petropolitics and American energy shortage, 04207
Pharmaceutical preparations, except biologicals, 1972, 04920
Pharmacology research associate program of the National Institutes of Health, 05676
Pharmacotherapy for children, 04667
Phase III, Project Gulf Q, characterization of maritime cumulus clouds, 08179
Phase relations in alkaline earth fluoride-yttria systems, 11633
Phase transformations and properties of allous under high pressure, 03531
Phase 2: Industry witnesses, Oct.2-4, 1973., 06199
Phase 3 and phase 4-a, design and construction of consolidation synthetic gas pilot plant, Rapid City, S. Dak., 07316
Phase 4, 04194
Phase 4 oil regulations and petroleum marketing problems, 05089
Phase 4, final food regulations, 00250
Phenomena associated with bench and thermal-vacuum testing of superconductors, heat pipes, 06876
Philippines [colored map], 07296
Philosophical meaing of problem of natural and artificial intelligence, 03530
Photochemical and rate data for 12 gas phase reactions of interest for atmospheric chemistry, 06906
Photographs of American city, 05415
Photometric data variability of automative lighting components, 09524
Photometric technique for determining planetary slopes from orbital photographs, 04477
Phreatophytes, bibliography, 10132
PHS water pollution surveillance system applications and development report, 10381-7
Physical and biological effects, Cannikin, 06045
Physical and dynamical studies of meteors, 03585
Physical mechanism of destruction of biological tissues with use of focused ultrasound, 09401
Physical oceanographic and meteorological data from principal participating ships and oceanographer, 01470
Physical research program, research contracts and statistical summary, 04894
Physical-chemical treatment of raw municipal wastewater, 11482
Physics and chemistry of 2 NRL codes for distrubed E and F regions, 08167
Physics of diagnostic radiology, 11759
Physics of spaceflight, 11008
Physics, weekly Government abstracts, 02778
Physiological responses in air traffic control personnel, Houston Intercontinental Tower, 10530
Physiological studies on complex behavior of anthropoids (chimpanzees), 00503
Physiological, biochemical and psychological responses in air traffic control personnel, 10531
Physiology of sonar system in Black Sea dolphins, 00512
Pianos in Smithsonian Institution, 05791
Pianos, except grand pianos, 07076
Picker sticks from Mexico, 11263
Picture story series, 00016-9, 02818, 04791, 05950, 10497
Pictured Rocks National Lakeshore, Mich., 08149
Pilot model expansion tunnel test flow properties obtained from velocity pressure, and probe measurements, 06862
Pilot study of drinking water systems on and along national system of interstate and defense highways;, 08553
Pilot study of dynamics of reservoir destratification, 10855
Pilot study of hemophilia treatment in United States, 01439
Pilot-demonstration project for industrial reuse of renovated municipal wastewater, 00338
Pine-Popple River basin, hydrology of wild river area, northeastern Wisconsin, 08620, 10091
PL 480 newsletter, 02244
Placement of XM19 special surfacing landing mat, 00317
Plain letters, 08752
Plan for comprehensive health insurance, 09743
Planning and control of scientific research, 01333
Planning and design of roads, airbases, and heliports in theater of operations, 07173
Planning for emergency construction, surveys, maps, and construction plans, 06006
Planning for hospital pharmacies, 06709
Planning of Army aviation facilities, technical manual, 07174
Planning Support Group, Billings, Mont., reports, 00460-1, 04502
Plant disease reporter, 02435
Plant inventory, plant material introduced, 04774
Plant morphogenesis as basis for scientific management of range resources, 05948
Plant quarantine import requirements of Australia, 00034

Plant quarantine import requirements of France, 05989
Plant quarantine import requirements of Great Britain, 07165
Plant quarantine import requirements of Greece, 04818
Plant quarantine import requirements of New Zealand, 04819
Plant quarantine import requirements of Poland, 07166
Plasma processes in metallurgy, 05527
Plasma tests of sprayed coatings for rocket thrust chambers, 11657
PLASTEC report, 01078, 06454
Playing for keeps-on peace team, 03875
Pleistocene-Holocene sediments interpreted by seismic refraction and wash-bore sampling, Plum Island-Castle Neck, Mass., 06488
Plentiful foods, 02437
PLS listing, power facilities operated by Reclamation Bureau, 00618, 10395
Plume temperature measurements of shallow, submerged model discharges with current, 10839
Plutonium-238 production in commercial water reactors, 06051
Pocket data book USA, 1973, 07284, 08350
Pocket guide to Great Britain, 01308
Pocket guide to supplemental security income, 10417
Pocket veto bill, 07429, 10658
Podiatry manpower, characteristics of clinical practice, 11680
Poems and song lyrics, 01059
Point Reyes National Seashore, Calif., 03677
Poland, colored map, 07297
Pole position for 1971 based on Doppler satellite observations, 05735
Pole position for 1972 based on Doppler satellite observations, 04705
Police, 01387
Policy and planning for filing in-house equal employment, plans, 06717
Policy, troops, and NATO alliance, 09910
Political knowledge and attitudes, 09263
Political legacy of International Geophysical Year, 04102
Political science, government, crime, District of Columbia, 03718
Political situation in South Asia, 09210
Political situation in Thailand, 09832
Political trends in India and Bangladesh, 06298
Pollutant identification research highlights, 02438
Pollution of Yellowstone River as related to taste and odor problems in municipal water supplies, Montana and North Dakota, 10388
Pollution resulting from all construction activity, processes, procedures, and methods to control, 04381
Pollutional effects of pulp and paper mill wastes in Puget Sound, 10057
Polychloroprene rubber from Japan, 05872
Polymeric materials for underground support, 09470
Polymorphic site index curves for shortleaf pine in Ouachita Mountains, 00419
Polyonomous successions of commands, 05642
Ponderosa pine, American wood, 03391
Population and housing inquiries in U.S. decennial censuses, 04940
Population characteristics, 02876, 03949, 04925-6, 06082-4
Population distribution, urban and rural, in United States, 00780, 03956
Population estimates and projections, 00776, 02877-8, 03950, 04927-8, 06085, 07268-70
Port Everglades Harbor, Fla., 01140
Port of Toledo, Ohio, 09276
Port series, 09273-6
Portable dehumidifiers, 09314
Portage Lake Volcanics (middle Keweenawan) on Isle Royale, Mich., 05433
Portrait of poet, Hans Christian Andersen and his fairytales, 11589
Ports of Hampton Roads, Va., 09273
Ports of Savannah and Brunswick, Ga., 09279
Portuguese Guinea-Senegal, International boundary study, 07045
Position classification and pay in Federal government, 06114
Position classification standard for United States marshal series, 03966
Position finding by artificial earth satellite, 08660
Position of satellite with respect to magnetosphere of earth, 05737
Position of small business in procurements for federally supported programs, 04145
Position-classification standard for fingerprint identification series, 04957
Position-classification standard for wage and hour compliance series, 00801
Position-classification standards for general schedule (GS) positions, 02439
Positive approaches to dropout prevention, 07666
Post-arrest drug trafficking, 01349
Post-completion management neighborhood facilities grant program, 10120
Post-White House Conference on Aging, reports, 01006
Postal bulletin, 02440
Postal contracting manual, 00707, 02441, 03824, 10483
Postal laws, 08262
Postal life, 02442
Postal oversight, 05175, 07569-70
Postal Service manual, 02443, 11798-801
Postflight simulation of parachute deployment dymanics of Viking qualificiation flight tests, 01409
Postponement of Headstart fee schedule, 06232
Potatoes and sweetpotatoes, 07110
Potatoes and sweetpotatoes, production, disposition, value, stocks, utilization, 05859
Potential for conversion of oil-fired and gas-fired electric generating units to use of coal, 01212
Potential for energy production from geothermal resources, 05150
Potential heating oil shortages, 09737
Potential pollutants in fossil fuels, 01170
Potential system for lead hazard elimination, evaluations and recommendations for use, 08759
Potential uses for 400-Hz electrical power systems in mining, 11058
Potomac Park, National Capital parks, D.C., Va., Md., 01488
Potomac River basin water supply, 01141
Potomac River basin, Md., Va., W.Va., Pa., and D.C., reformulation of Sixes Bridge and Verona projects, 09739, 09989
Potomac River estuary in Washington metropolitan area, history of water quality problems and their solution, 10820
Poultry and egg situation, 02444
Poultry and egg statistics through 1972, 10498
Poultry market statistics, 07129
Poultry slaughtered under Federal inspection and poultry used in further processing, 02445

Power annual report, Tennessee Valley Authority, 03803
Power hand tools, 06634
Power O. and M. bulletin, 03721
Power O. and M. codes for ADP, 00619
Power O. and M. report, 03722-3
Practical test guide, flight instructor, airplane, single engine, multiengine, etc., 03384
Prayers offered, 09138
Pre-impoundment biological survey of Stockton Reservoir-Sac River, Mo., 09320
Precipitation in Tennessee River Basin, 02446
Precision measurement and calibration, 08099
Precommerical thinning increases diameter and height growth of slash pine, 00403
Predator control, 05123, 08376
Predicted effects of proposed navigation improvements on residence time and dissolved oxygen of the salt wedge in Duwamish River estuary, King County, Wash., 01261
Predicting and controlling residual chlorine, 01171
Predicting avalanche intensity from weather data, statistical analysis, 04447
Predicting conditional probability of frozen precipitation, 10320
Predicting maintenance task difficulty and personnel skill requirements based on design parameters of avionics subsystems, 02823
Predicting segregation of wood and bark chips by differences in terminal velocities, 04441
Prediction of gear-mesh-induced high-frequency vibration spectra in geared power trains, 08295
Prediction of overall and blade-element performance for axial-flow pump configurations, 00547
Predictive pilot model for STOL aircraft landing, 09481
Predisaster assistance for eucalyptus tree fire hazard, 05044
Prefeasibility program for comprehensive water resources development of Bicol River Basin, Luzon Island, Philippines, 04722
Prefinished hardboard paneling, 10273
Pregermination treatments for redstem ceanothus seeds, 05398
Preliminary appraisal of ground-water conditions in vicinity of Modesto, Calif., 07856
Preliminary determination of epicenters, 02447
Preliminary draft of proposed bankruptcy rules and official forms under chapter 12 of Bankruptcy act, 03830
Preliminary equation system describing effect of stacking faults on ultrasonic reflectivity, 05734
Preliminary evaluation of infiltration from Miami Canal to well fields in Miami Springs-Hialeah area, Dade County, Fla., 01262
Preliminary findings of first health and nutrition examination survey, 09528
Preliminary industry and summary reports, publication order form, 1972 census of construction industries, 06094
Preliminary inventory of records of Supreme Court of United States, 05641
Preliminary inventory of records of United States Army continental commands, 05642, 08086-7
Preliminary inventory PI series, 08086-7
Preliminary inventory series, 05641-2
Preliminary investigation of mercury-hazard potential, Warm Springs Dam and Lake Sonoma project, Dry Creek Basin, Sonoma County, Calif., 07857
Preliminary investigation of suspended-sand discharge of Russian River, Sonoma County, Calif., 07858
Preliminary report on effect of pump and pipe systems on dissolved oxygen concentration, 10382
Preliminary report on special supplemental food program, 01248
Preliminary report on U.S. production of selected synthetic organic chemicals, 02448
Preliminary report on water supply and pollution control aspects of Chariton and Little Chairton River Basins, 09591
Preliminary results of investigation of transverse excited atmospheric lasers, 04822
Preliminary results of studying plasma near the moon, 03532
Preliminary statistical analysis of aircraft accident data, U.S. civil aviation, 11201
Preparation and evaluation of thin-film sodium tungsten bronzes, 08047
Preparation and properties of quinaldine sulfate, improved fish anesthetic, 05810
Preparation characteristics and desulfurization potential of Iowa coals, 07998
Preparation for health career advancement for American Indians and Alaska natives, GED testing, high school equivalency diploma, 07892
Preprint from 1971 Minerals yearbook, 07980
Preprint from 1972 Minerals yearbook, 05590-6, 06833-4, 07979, 07981-5, 08698-704, 09459-65, 10189-96, 11047-53, 11606-28
Prescribed burning in Lake States, 1971, 06646
Prescriptive package series, 09431-4
Present state of radiometry and photometry, 08757
Preservation, packaging, and packing of military supplies and equipment, 06418, 07594
President Nixon sets new Indian policies and goals, 01297
President's Committee on Employment of the Handicapped press releases, 02486
President's Conference on Export Expansion, 05759
President's Council on Physical Fitness and Sports newsletter, 02375
President's report on occupational safety and health, 08186
President's report on state of Union, 00849
Presidential campaign activities of 1972, 05176-9, 08505
Presidential emergency energy authorities, 06305
Presidential energy statements, 05143
Pressure bomb measurements indicate water availability in southwestern riparian community, 05392
Pressure distribution on vectored-thrust V/STOL fighter in transition-speed range, 08718
Pressure filtration of waste water sludge with ash filter aid, 00340
Pressure measurements on leading edge of swept wing at Mach 2.2, 11127
Pressure sewer demonstration at borough of Phoenixville, Pa., 00341
Pressure-loss and flow coefficients inside chordwise-finned, impingement, convection and film air-cooled turbine vane, 10226
Pressurized fluidized-bed combustion process development and evaluation, 07745
Preston story, 06527
Preurbanization reconnaissance study of Lake Earl, Del Norte County, Calif., 07859
Prevalence and incidence of disease among airmen medically certified during 1965, 07246

Prevalence of selected chronic digestive conditions, 04649
Prevalence of selected chronic respiratory conditions, 05651
Prevention and control of collective violence, 00515, 04552-4
Prevention of foot-and-mouth disease and rinderpest, 01581
Prevention of incidents on and over high seas, 05831
Prevention of nuclear war, 00673
Preview of New Jersey's forest resource, 06651
Price freeze and its effect on agriculture, 04083
Price freeze and its effect on poultry industry, 04082
Price index of new one-family reports, 01841
Price list PL series, 03716-8, 08818
Price list 27 for reappraisal of slips in maritime, river, and fishing fleets, 09385
Price list 45 for reappraisal of specialized communications, radio and television equipment as of Jan. 1, 1973., 11001
Price-quantity relationships for selected retail cuts of pork, 00007
Prices, costs and margins of Florida oranges, fresh and processed, 08535
Primary distribution of microbial aerosols in respiratory system as function of infecting dose, 06775
Primary lead metal from Australia and Canada, 07077
Primary wood-product industries of southern New England, 05409
Primate zoonoses surveillance, 00785
Primer on Government contract claims, 05188
Prince William Forest Park, Va., 08150
Principal electric facilities in United States, 10035
Principal rivers and lakes of world, 05697
Principles and measuring techniques of turbulence characteristics in open-channel flows, 00438
Principles and techniques of mechanical guarding, 05750
Printing and publishing, 02497
Private and commercial pilot, glider, 03383
Private and commercial pilot, gyroplane, 01231
Private car lines, 03489
Private express statutes, 07090, 07442
Private laws, 00829-40, 02908-34, 04978-82, 06148, 08988-9003, 09728-31
Private pension tax reform, 07378-9
Privileges and immunities for Organization of African Unity, 03215
Privileges and immunities for United States Inter-American Geodetic Survey Mission, 08238
Probability of developing certain cardiovascular diseases in eight years at spcified values of some characteristics, 01466
Problem of engineering-psychology experiment and its instrumentation, 07917
Problem of unsteady motion of wing with variable distance from barrier, problem, 08669
Problems and approaches to areawide water quality management, 06584-5, 10000
Problems facing world community, 03770
Problems in air shipment of domestic animals, 08397
Problems in homeownership opportunities program for low-income families, 08606
Problems in managing development of aircraft engines, 10935
Problems in wheat and corn growing, 11570
Problems of communism, 02498
Problems of Far East (USSR periodical), 02499
Problems of heat transfer in space, 00554
Problems of plasma theory, 05525
Problems of predator control, 04225
Problems of protecting civilians under international law in Middle East conflict, 09833
Problems of resistance of biological systems, 03622
Problems of small business in gasoline marketing, 04146
Problems of sodium removal and deactivation of fast reactor circuits and components, 02842
Problems of space biology, 03622, 06899
Problems of third party prepaid prescription programs, 05090, 07376
Problems of treating water containing rotenone preparation used in fishery management, 11733
Procedural instructions for Federal reserve banks relating to deposits of food coupon receipts, effective Jan.1,1974, 07087
Procedural manual for defining and numbering census blocks and block groups, 07280
Procedural manual for interim renumbering of census blocks, 07279
Procedural manual for interim update and maintenance program for GBF/DIME areas, 08950
Procedural manual for review and correction of address range edit (ADDEDIT) listing, 08951
Procedure and administration, 10138
Procedure for calculation of boundary layer trip protuberances in overexpanded rocket nozzles, 11119
Procedures for experimental measurement and theoretical analysis of large plastic deformations, 11103
Procedures for handling airspace matters, 05982
Procedures for handling impeachment inquiry material, 08421
Procedures for local review, 08955
Procedures for rapid deployment, redeployment, and retrograde, engines, turbines and components, 06008
Procedures governing cooperative State-PHS program for certification of interstate milk shippers, 06638
Proceeding, workshop on patient education programing, 01285
Proceedings against George Gordon Liddy, 04051
Proceedings for conference on health effects of air pollutants, 08513
Proceedings NIH acupuncture research conference, 04664
Proceedings of Area Health Education Center National Conference, 05442
Proceedings of conference on health effects of air pollutants, 08513
Proceedings of 55th National Convention of American Legion, 09015
Proceedings of first International Conference on Stable Isotopes in Chemistry, Biology, and Medicine, 06034
Proceedings of 1st Soil Microcommunities Conference, 09697
Proceedings of institute on narcotics addiction among Mexican Americans in Southwest, 04666
Proceedings of Joint Conference on Recycling Municipal Sludges and Effluents on Land, 11485
Proceedings of Marine Safety Council, 02500
Proceedings of National Conference of vocational rehabilitation and state alcoholism agency, 00623
Proceedings of National Conference on Pesticide Containers, 06637

Proceedings of National Conference on Rural Development, Des Moines, Iowas, 10750
Proceedings of 1973 conference, mathematical models and computational techniques for analysis of nuclear systems, 06033
Proceedings of Public Health Service cooperative study, 00360
Proceedings of seminar on hydrologic aspects of project planning, 11470
Proceedings of Solar Heating and Cooling for Building Workshop, 08804
Proceedings of 3d international conference on fluidized-bed combustion, 10836
Proceedings of third symposium on sharing of computer programs and technology in nuclear medicine, 06035
Proceedings of 21st annual National Convention of Veterans of World War I, 09016
Proceedings of workshop on expansive clays and shales on highway design and construction, 06607-8
Proceedings, acute renal failure confrence, 11683
Proceedings, coal combustion seminar, 00333
Proceedings, First National MEDIHC Conference, 05443
Proceedings, 2d Conference on Environmental Quality Sensors, 07773
Proceedings, third Space Processing Symposium, Skylab results, 11674-5
Processes, procedures, and methods to control pollution from mining activities, 06586
Processes, procedures, and methods to control pollution resulting from silvicultural activities, 04382
Processing and theoretical analysis of oceanographic observations, 03523
Processing of surface-transported foreign mail in New Orleans area, 10712
Processing personnel actions, 01978
Procurement and supply handbook, 03825
Procurement from small and other business firms, 11447-8
Procurement planning for commercial feed firm, 03857
Procurement quality assurance, 03260
Procurement quality assurance for fresh dairy products, 03294
Procurement quality assurance support manual for Defense Contract Administration Services, 03261
Produce, protect and conserve energy with conservation tillage, 10428
Producer-based cotton marketing system, 07121
Product examination service, reports on condition of meat, 07119
Product performance and servicing, 01428
Production of highly texturized permanent magnets from magnetically anisotropic powders, USSR study, 01337
Production research report, 02819-21, 04792
Production, prices, employment and trade in Northwest forest industries, 02501
Productivity and unit labor costs in 12 industrial countries, 05557
Productivity in fishing industries, 04716
Productivity in pharmaceutical industry, 09443
Productivity in telephone communications, 07951
Productivity, concept and perspective, 10557
Products and tools for cleaning, 03873
Professional manpower, new way to meet need, 11764
Professional paper, 00436-8, 01263-6, 03412, 04473-8, 05432-6, 06700-7, 07860-3, 08615-6, 10088-9, 10947-9
Professional sports blackouts, 04124
Professional sports, TV blackouts, 04053
Proficiency test assessment of clinical laboratory capability in United States, 08092
Profile of Public Health Service, 1798-1948, 04676
Profiles of lower Hillsborough River, Fla., 11538
Profitability of domestic energy company operations, 05133
Program aid series, 00014, 02817, 03859-74, 04789-90, 05949, 07124-8, 08279
Program description ADDEDIT, 07281
Program description FIXCORD, 08944
Program description FIXDIME, 08945
Program description FIXDIME II, 08946
Program description TOPOEDIT, 07282
Program for reduction of NOx from tangential coal-fired boilers, phase 1, 00331
Program information act, 03235
Program to improve operation and maintenance of waste treatment works, 10856
Program user's manual for optimizing design of liquid or gaseous propellant rocket engine with automated combustor design code AUTOCOM, 08021
Programa nacional de seguros contra inundaciones, 05463
Programs for handicapped, 02502
Programs for health services research, 00143
Programs, activities, and taxicab industry study authorizations, 01025
Programs, policies, and operations of Small Business Administration, 04147, 10632
Progress and problems in achieving objectives of school lunch program, 00426
Progress and problems in developing nuclear and other experimental techniques for recovering natural gas in Rocky Mountain area, 10936
Progress and problems in providing health services to Indians, 07842
Progress and purpose, developmental history of United States Marine Corps, 1900-1970, 06814
Progress in meeting important objectives of Great Plains conservation program cound be improved, 00427
Progress in radiation protection, 01233
Progress in sport fishery research, 08223
Progress of education in United States of America, 01094
Progress of executive branch action on recommendations of Commission of Government Procurement, 00423
Progress report on information retrieval for Division of Water Supply and Pollution Control, 11734
Progress report on water-resources investigations in Palm Beach County, Fla., 01267
Progressive fish-culturist, 02503
Prohibit reduction in number of Forest Service employees, 05041
Prohibiting environmental modification as weapon of war, 00987
Prohibition of intervention in foreign political affairs, 00988
Project Armor obstacle 2, 06529
Project development brochures, functional requirements, 10511
Project Drum Inlet, explosive excavation in saturated sand, 06533
Project Foggy Cloud 4, phase 2, warm fog modification by electrostatically charged particles, 08177
Project Hypo, intensive study of Lake Erie central basin hypolimnion and related surface water phenomena, 00353
Project management in NASA, system and men, 11649

Project register, waste water treatment construction grants, 05335, 08554
Project Skywater proceedings, 04723
Project Skywater, atmospheric water resources program, annual report, 09600
Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, 10817
Project Trinidad, explosive excavation tests in sandstone and shale, 05311
Projectile loader for research gas gun, 05738
Projections of educational statistics to 1982-83, 11458
Prologue, journal of National Archives, 02504
Promoting environmental quality through urban planning and control, 01181
Promulgation of leasing and operating regulations for geothermal leasing program, 04503
Propagation and distribution of fishes from national fish hatcheries, 03756
Propagation of Loran-C ground and ionospheric wave pulses, 03989
Propeller design procedures and data, summary, structural analysis and blade design, 09683
Proper and improper use of drugs by athletes, 04234
Properties of dispersion-strengthened chromium-4-volume-percent-thoria alloys products by ball milling in hydrogen iodied, 09504
Properties disposition handbook 1-4 family properties, 01293
Properties of glasses in some ternary systems conataining BaO and SiO2, 03632
Properties of solid polymer electrolyte fluorocarbon film, 08730
Property disposition handbook, 1-4 family properties, 01293, 06719, 09360
Property loan improvement insurance, 10903
Property taxes and urban blight, 01295
Proposal evaluation and source selection policy and procedures, 08628
Proposal for direct numerical control system, 06058
Proposal for improving Nation's transportation, 09017
Proposal for improving Public works and economic development act of 1965, 09745
Proposal to increase scope and purpose of National Visitor Center, 08506
Proposals for improving veterans' benefits, 09741
Proposals for 12 addition to National Wilderness Preservation System, 06221
Proposals to eliminate legal barriers affecting elderly Mexican-Americans, 09180
Proposed acquisition of properties in square 757, District of Columbia, 08507
Proposed amendment to Euratom cooperation act of 1958, 05001
Proposed amendments request for appropriations, DoD 1974, 02963
Proposed amendments for Federal rules of criminal procedure, 09754
Proposed amendments to request for appropriations for General Services Administration, 00855
Proposed Better communities act, highlights, 01294
Proposed Big Thicket National Reserve, Tex., 00938
Proposed changes in adverse action and appeals systems, 03110
Proposed changes in basis for cooperative arrangement for LMFBR, 06201
Proposed changes in peanut program, 06264
Proposed changes in rice program, 06265
Proposed citrus blackfly quarantine, 05047
Proposed conversion of tariff schedules of United States into format of Brussels tariff nomenclature, 08866
Proposed criteria for water quality, 06587
Proposed elimination of apportionment requirement for appointments in departmental service in District of Columbia, GAO review, 06691
Proposed elimination of OEO and related legislation, 06289-90
Proposed fair labor standards amendments, 01044
Proposed fiscal 1975 budget, what it means for older Americans, 06356
Proposed international air shuttle, 09186
Proposed streamflow data program for California, 07864
Proposed supplemental and indefinite appropriation for fiscal years, 09873
Proposed supplemental appropriation for Department of State, 06315
Proposed supplemental appropriation for economic stabilization program, 00957
Proposed supplemental appropriation for fiscal year 1974 for Department of Labor, 06220
Proposed supplemental appropriation for fiscal year 1974 for Federal Trade Commission, 09749
Proposed supplemental appropriation for Foreign Claims Settlement Commission, 07458
Proposed supplemental appropriations for accelerated energy research and development for fiscal year 1974, 04041
Proposed supplemental appropriations for fiscal year 1974, 06215-6
Proposed supplemental appropriations for fiscal year 1974 for Department of Commerce, 10600
Proposed supplemental appropriations for fiscal year 1974 for Supreme Court, 06219
Proposed supplemental appropriations for legislative branch, 06316
Proposed supplemental appropriations, 1974, Executive Office of the President, 06314
Proposed versatile photon counter system for laser radar, 03906
Proposed water quality information, 06588
Proposed White House Conference on Library and Information Sciences, 01045
Proposed wild and scenic Chattooga River and conveyance of certain public lands, 04226
Proposing amendment to request for appropriations for judiciary, fiscal year 1975, 09746
Proposing amendments to fiscal year 1975 budget for Senate, 09876
Proposing strengthening drug enforcement efforts, 10596
Proposing supplemental appropriation for fiscal year 1974 for United States Information Agency, 10599
Proposing supplemental appropriation to pay claims and judgments rendered against United States, 10602
Proposing supplemental appropriations for fiscal year 1974 for Department of Agriculture, 11356
Proposing supplemental appropriations for fiscal year 1974 for Department of Interior, 10601
Proposing supplemental appropriations for fiscal year 1974 for Department of Justice, 10598
Prosecution of adult felony defendants in Los Angeles County, policy perspective, 08679
Prospects for gasoline availability, 1974, 10774
Prospects for MHD power plants in power engineering, 08644

Prospects for peace in Middle East, view from Israel, 09211
Prospectus, comprehensive water quality project, Chesapeake Bay, Susquehanna River basins, 11735
Prosthetics research bulletin, 03826
Protecting America's estuaries, 04107, 05069, 06303
Protecting home-cured meat from insects, 07116
Protecting older Americans against overpayment of income taxes, 07463
Protecting privacy and rights of Federal employees, 10733
Protecting your housing investment, 11554
Protecting your investment, 04496
Protection of President at Key Biscayne and San Clemente, with information on protection of past Presidents, GAO report, 06692
Protein from petroleum, 07931
Protocol amending 1928 convention on international expositions, 06320
Protocol for evaluating nitrogen status of lake sediments, 07730
Protocol to convention for international council for exploration of the sea, 04156
Protocol to International Civil Aviation Convention, 00182
Protocols for extension of international wheat agreement, 09878
Proton-radiation damage in Gunn oscillators, 03604
Prototype oil shale leasing program, 09221
Providing additional funds for expenses of investigation and study authorized by House Resolution 228, 10647
Providing emergency security assistance authorizations for Israel and Cambodia, 09149
Providing for addition of names of States of Alaska and Hawaii to list of 48 States inscribed on walls of Lincoln National Memorial, 06331
Providing for additional copies of Federal civilian employee loyalty program, 02970
Providing for additional U.S. contributions to Asian Development Bank and International Development Association, 06284
Providing for audits of Federal Reserve Board, 03046
Providing for consideration of conference report on H.R.9286, 04060
Providing for consideration of conference report on S.1443, 06239
Providing for consideration of H.R. 2, 10620
Providing for consideration of H.R. 981, 03007
Providing for consideration of H.R. 1104, 03074
Providing for consideration of H.R. 2096, 00909
Providing for consideration of H.R. 3858, 10636
Providing for consideration of H.R. 3927, 03051
Providing for consideration of H.R. 6576, 00912
Providing for consideration of H.R. 7130, 04068
Providing for consideration of H.R. 7974, 02992
Providing for consideration of H.R. 8351, 02979
Providing for consideration of H.R. 8789, 04052
Providing for consideration of H.R. 8860, 02975
Providing for consideration of H.R. 9055, 02976
Providing for consideration of H.R. 9107, 06228
Providing for consideration of H.R. 9130, 02980
Providing for consideration of H.R. 9142, 03075
Providing for consideration of H.R. 9256, 03008
Providing for consideration of H.R. 9281, 03009
Providing for consideration of H.R. 9456, 03064
Providing for consideration of H.R. 9553, 04054
Providing for consideration of H.R. 9639, 02999
Providing for consideration of H.R. 9682, 04058
Providing for consideration of H.R. 9715, 03010
Providing for consideration of H.R. 10088, 03018
Providing for consideration of H.R. 10203, 03033
Providing for consideration of H.R. 10265, 10612
Providing for consideration of H.R. 10294, 10664
Providing for consideration of H.R. 10337, 10660
Providing for consideration of H.R. 10397, 03052
Providing for consideration of H.R. 10586, 03053
Providing for consideration of H.R. 10614, 10606
Providing for consideration of H.R. 10701, 09042
Providing for consideration of H.R. 10710, 03065
Providing for consideration of H.R. 10956, 03063
Providing for consideration of H.R. 11010, 04076
Providing for consideration of H.R. 11035, 10634
Providing for consideration of H.R. 11088, 05038
Providing for consideration of H.R. 11216, 03078
Providing for consideration of H.R. 11324, 03098
Providing for consideration of H.R. 11333, 04063
Providing for consideration of H.R. 11404, 06245
Providing for consideration of H.R. 11510, 08356
Providing for consideration of H.R. 11864, 09761
Providing for consideration of H.R. 11873, 10613
Providing for consideration of H.R. 12471, 10635
Providing for consideration of H.R. 12565, 09777
Providing for consideration of H.R. 12670, 10618
Providing for consideration of H.R. 12993, 10655
Providing for consideration of H.R. 13053, 10656
Providing for consideration of H.R. 13678, 11388
Providing for consideration of H.R. 13919, 09785
Providing for consideration of H.R. 14747, 10672
Providing for consideration of H.R. 14832, 09043
Providing for consideration of House resolution 128, 04064
Providing for consideration of House resolution 582, 09027
Providing for consideration of House resolution 735, 05037
Providing for consideration of House resolution 998, 09776
Providing for consideration of House resolution 9681, 03038
Providing for consideration of S. 628, 10650
Providing for consideration of S. 1264, 04049
Providing for consideration of S. 1752, 10619
Providing for consideration of S. 1914, 03011
Providing for establishment of Lyndon Baines Johnson Memorial Grove on the Potomac, 09882
Providing for filling of vacancies in legislature of Virgin Islands, 00911, 00994
Providing for funds for investigations and studies authorized by H. Res. 180, 10626
Providing for further expenses of investigations and studies authorized by H. Res. 185 for Committee on Armed Services, 10622
Providing for increasing amount of interest paid on permanent fund of United States Soldiers' and Airmen's home, 03232
Providing for printing as House document booklet entitled, Supreme Court of United States, 03091
Providing for printing as House document of booklet entitled History and operation for House majority whip organization, 02973
Providing for printing of additional copies of House report entitled Concentration by competing raw fuel industries in energy market and its impact on small business, v.3, 09764-5
Providing for printing of additional copies of House report entitled Drugs in our schools, 04045
Providing for printing of additional copies of House report entitled Organized criminal influence in horse racing, 04047

Providing for printing of additional copies of House report entitled Street crime reduction through positive criminal justice responses, 02972
Providing for printing of additional copies of oversight hearings entitled Vocational rehabilitation services, 03039
Providing for printing of additional copies of report of Select Committee on Committees, 09772
Providing for printing of committee hearings establishing National Institute of Education, 05030
Providing for printing of inaugural addresses from President George Washington to President Richard M. Nixon, 04044
Providing for printing of 1,000 additional copies of hearings before Subcommittee on Near East of Committee on Foreign Affairs entitled U.S. interest in and policy toward Persian Gulf, 03041
Providing for travel and transportation allowance to certain members of uniformed services in connection with leave, 03239
Providing funds for Committee on Interstate and Foreign Commerce, 10642
Providing funds for Committee on Judiciary, 03085, 10654
Providing funds for expenses incurred by Select Committee on House Restaurant, 10653
Providing funds for expenses of Committee on Ways and Means in 2d session of 93d Congress, 10644
Providing funds for expenses of investigation and study authorized by H. Res.72, 10625
Providing funds for expenses of investigation and study authorized by House Resolution 267, 93d Congress, 10645
Providing funds for expenses of investigation and study authorized by rule XI(8) and H. Res. 224, 10627
Providing funds for expenses of investigation and study authorized by House Resolution 19, 10643
Providing funds for expenses of investigation and study authorized by House Resolution 162, 10646
Providing funds for expenses of investigation and study authorized by House Resolution 163, 10641
Providing funds for expenses of investigations and studies by Committee on House Administration, 10624
Providing funds for further expenses for investigations and studies authorized by H. Res. 1975, 10628
Providing funds for further expenses of investigations and studies authorized by H. Res. 253, 10623
Providing pay comparability adjustments for certain House employees whose pay rates are specifically fixed by House resolutions, 03005
Providing salary increases for members of police force of Library of Congress, 03134
Providing secondary market for rural development loans, 03181
Providing that moneys due States under provisions of mineral leasing act may be used for purposes other than public roads and schools, 10740
Provision of housing for rural elderly, 09183
Provision of instruction to handicapped pupils in local public schools, 06481
Provisional tree seed-zone and cone-crop rating system for Arizona and New Mexico, 00417
Psittacosis annual summary, 00071
Psychological problems in regulation of activity, 05526
Psychology of radar operators under combat conditions, 11000
Psychopharmacology abstracts, 02505
Psychopharmacology bulletin, 02506, 04667
Psychosurgery in Veterans Administration hospitals, 05170
Psychotherapist discusses autosuggestion methods, 05520
Psychotropic substances act of 1973, 09943
Public advisory series, 03486
Public and allied health personnel, 07426
Public and high blood pressure, 04659
Public assistance reports, 00634
Public assistance statistics, 02507
Public documents highlights, 02508
Public financing of Federal elections, 05186
Public health and welfare criteria for noise, 00351
Public Health Conference on Records and Statistics, 10276
Public health program and staff, region 6, 11736
Public Health Service act amendments of 1974, 08357
Public Health Service act extension, 1973, 04242
Public Health Service grants and awards, 00579-80, 06965, 08137, 09541
Public Health Service grants policy statement, 11218
Public health traineeship program, grants for residency programs in preventive medicine and dental public health, 10099
Public housing in crisis, National Capital Housing Authority annual report, 03650
Public interest and payments mechanisms, remarks of George W. Mitchell, Vice Chairman, Board of Governors of Federal Reserve System at 81st annual convention of United States Savings and Loan League, Dallas, Tex., Nov.5,1973., 03369
Public involvement and Forest Service, experience, effectiveness and suggested direction, 07827
Public land coal leasing policy, 00136
Public land statistics, 03542
Public laws, 00091-112, 00841-7, 02509, 02935-55, 03999-4029, 04983-5000, 06149-98, 07365, 08338-46, 09004-6, 09732-4, 10562-90, 11350-4
Public management sources, 02510
Public need and role of inventor, 11166
Public opinion polls, 05070
Public papers of President, 10046
Public policy for American capital markets, 07088
Public policy issues in financing new energy capacity, 03370
Public roads, journal of highway research and development, 02512
Public safety officers benefits, 10652
Public safety officers' benefits act, law enforcement officers' bill of rights, 04128
Public sector labor relations information exchange publications, 06796
Public use of national park system, fiscal year report, 00595
Public welfare and work incentives, 09010
Public works for water and power development and Atomic Energy Commission appropriation bill, 00121, 10683, 11392
Public works for water and power development and Atomic Energy Commission appropriations, 01014-5, 03245, 09049, 09814
Publication AP (series), 00725, 03878-9, 05960

Publication APTD (series), 00023-9, 03880-4, 05961-2, 07134, 09664
Publication of material relating to constitutional rights of Indians, 10638
Publications and patents, Eastern Regional Research Center, 00713, 08275
Publications and reports of Pacific Northwest Environmental Research Laboratory, 11486
Publications and services of National Bureau of Standards, 01421
Publications in archeology, 10334
Publications list, 08466
Publications list with witness reference, 06405
Publications of Maritime Administration, 05569
Publications of National Bureau of Standards, 03639
Publications of Southern Forest Experiment Station, 09332
Publications of water resources investigations in Colorado and selected publications pertaining to Colorado, 03413
Publications, Apr. 1, 1972-Mar. 31, 1973, Intermountain Forest and Range Experiment Station, Ogden, Utah, 00396
Publications, NIOSH, 01451
Published ordinances, firearms, important information to gun dealers, 09678
Puerto Ricans in United States, 00763
Pulp, paper, and board, 02513, 03945
Pulpwood production in North Central region by county, 04448, 07834
Pulpwood production in Northeast, 01242, 07835
Pulsars, bibliography, 04888
Pump acceptance test, flow measurements by salt velocity methods, Dos Amigos pumping plant, 05774
Punctilio of honor most sensitive, 03371
Purchase of U.S. obligations by Federal reserve banks, 03132, 03187
Purpose of scientific collections and museums, 05538
Put your soil survey to work, 07036

Q

Q & A about NIE, Director of National Institute of Education responds to questions, 10289
Q & A, questions and answers on temporary housing, 05464
Qualification standards for position under general schedule, 02514
Qualification test methods for helicopter cargo handling systems, 07192
Qualified areas under Public works and Economic development act, 01083
Quality and reliability assurance handbook, 03294
Quality control field investigation guide for State reviewers, 11765
Quality control in medical x-ray, 07012
Quality control practices in processing air pollution samples, 03880
Quality management for direct support/general support maintenance operations, 06005
Quality of stream waters of White Cloud Peaks area, Idaho, 01280
Quality of surface waters of United States, 00443, 03420, 04485
Quantitative marine geomorphology of East Pacific rise, 06976
Quarterly and shorter-term price forecasting models relating to cash and futures quotations for pork bellies, 04797
Quarterly awards listing grants assistance programs, 02515
Quarterly calendar of environmental meetings, 02516
Quarterly financial report for manufacturing corporations, 02517
Quarterly freight loss and damage claims reported by common and contract motor carriers of property, 02518
Quarterly journal of Library of Congress, 02519
Quarterly operating data of 63 telephone carriers, 02520
Quarterly operating data of telegraph carriers, 02521
Quarterly progress report for radioisotope powered cardiac pacemaker program, 07213
Quarterly summary of future construction abroad, 02523
Quasi-optimum design of six degree of freedom moving base simulator control system, 03584
Questions & anwsers on equine infectious anemia (Swampfever), 04789
Questions and answers about nuclear power plants, 05336
Questions and answers on FHA home property appraisals, 08632, 10123
Questions and answers on guaranteed and direct loans for veterans, 10485
Questions and answers to Part 1910, OSHA general industry standards, 04711
Quantitative understanding of explosive stimulus transfer, 04609

R

Rabies, zoonosis surveillance, summary, 02524
Race between food and population, 11297
Racetrack yarn cross-section, 04851, 04851
Racing plates (aluminum horseshoes) from Canada, determination of injury in investigation AA 1921-137, under Antidumping Act, 1921, as amended, 08253
Radar in weather modification and hail control, 03500
Radar rainfall pattern optimizing technique, 11692
Radial blanket and shield simulation experiments, 09704
Radiant panel test for flooring materials, development, 08754
Radiation and scattering by thin-wire structures in complex frequency domain, 11088
Radiation characteristics of atmosphere and earth's surface, 11158
Radiation chemistry of ethanol, review of data on yields, reaction rate parameters, and spectral properties of transients, 09514
Radiation chemistry of gaseous ammonia, 06910
Radiation chemistry of nitrous oxide gas, primary processes, elementary reactions, and yields, 06905
Radiation control for health and safety, 01022
Radiation data and reports, 02525
Radiation dosimetry at cryogenic temperatures using thermoluminescence, 04836
Radiation exchange between surfaces and in enclosures, 04616
Radiation installations at Tomsk Polytechnical Institute, 05534
Radiation swelling of steel OKh18N9T, 04545
Radiation-sterilization of food, statistical analysis, 04854
Radio broadcasting in standard broadcast band, 03782
Radio communications between amateur stations on behalf of third parties, 03774
Radio remote control garage door openers, 11264

Radioactive tracer pulse method of evaluating fracturing of underground oil shale formations, 05598
Radioactive waste management, bibliography of publicly available literature, 04891
Radioactive waste, decontamination, losses of uranium and plutonium, 09397
Radioactivity standards distribution program, 09993
Radiobiology, 03923, 07203, 08895, 10517-8, 11308
Radiobiology and radioecology of farm animals, 08300
Radioisotope powered cardiac pacemaker program, 04881
Radiometer transfer function for AAFE composite two-frequency radiometer scatterometer, 08027
Radiometric gages, bibliography, 04890
Radionuclides in ecosystems, 00748
Radiosonde observations, Federal meteorological handbook, 06122
Rail service in Midwest and Northeast region, 04754-6
Rail services act of 1973, 05099
Rail transport of solid wastes, 11737
Railroad accident investigation reports, 00627, 10401
Railroad accident investigation summary reports, 01542-3, 03731, 07020-1, 08197-8, 10402, 11223
Railroad employee accident investigation reports, 00628, 03732-4, 05779, 07022-5, 08199-200, 11224-5
Railroad retirement, 01024
Railroad retirement act and Railroad unemployment insurance act as amended through 1973, 07015
Railroad retirement and survivor benefits for railroad workers and their families, 08823
Railroad Retirement Board annual report, 09023, 09598
Railroad retirement changes, 00611
Railroad retirement tax tables, 00612
Rain, water resource, 08617
Rainfall guide for Tennessee Valley loggers, 10472
Rainfall influences female flowering of slash pine, 00401
Rainfall-runoff data for small drainage areas of Missouri, 04479
Raised water tables affect southern hardwood growth, 06660
Randolph-Sheppard act for the blind amendments of 1973, 06401
Rapid growth of metallic fibers by partitioning sulfur in copper-iron-sulfide mineral, 11629
Rapid iterative reanalysis for automated design, 03605
Rapid wet chemical methods for analysis of blast furnace slags, 11603
Rate training manuals, 01502-4, 05724, 07006, 09578, 10365
Rates of photosynthesis and phytoplankton growth in Shagawa Lake, Minn., 05319
Rates on consumer instalment loans, 03372
Ratios of empty to loaded freight car-miles by type of car and performance factors for way, through and trains combined, 1972, 05499
REA bulletin, 10399
Reaching and teaching young families, handbook for extension staff, 05340
Reaching out with new breed of worker, 09655
Reactions of copper sulfide minerals with chlorine in aqueous system, 03569
Reactor safety, literature search, 06054
Reading emphasis programs, 00236
Reading, released exercises, 01093
Real estate settlement costs, 08387
Realistic look at food reserves, 05952
Realities of our political economy, 08328
Reappraisal of U.S. energy policy, 06205
Reasons for discontinuing money payments to public assistance cases, 02526
Reasons for disposition of applications other than by approval, 02527
REC-ERC series, 00620, 03724-9, 04724, 08825-6, 09601-2
Recent activity of glaciers of Mount Rainier, Wash., 06700
Recent developments in coal mine fire and explosion prevention research, 07973
Recent developments in U.S. balance of payments, 11528
Recent petroleum explorations in USSR, 06764
Recent progress of National Institute of Child Health and Human Development program in population research, 08771
Recent publications of Southern Forest Experiment Station, 02528
Recent radiochemical separation procedures, for As, At, Be, Mg, Ni, Ru and Se, 09701
Recent reports, Intermountain Forest and Range Experiment Station, 02529
Reception of distorted speech, 08901
Recipes, wrappers, reasoning and rate, digest of first reading assessment, 10809
Recipients of local service air carriers' unit costs, 07307
Recipients of public assistance money payments and amounts of such payments, by program, State and county, 11681
Reciprocal fishing privileges, 03779
Reclamation era, water review quarterly, 02530
Reclamation safety news, 02531
Recognition is your responsibility, 07644
Recommendations for change in U.S. financial system, 03812
Recommendations of Commission on Government Procurement, executive branch progress and status, 07843
Recommendations of veterans' organizations, 09859
Recommended design modifications to CH-47 forward rotor-drive gearbox for reduction of high-frequency vibration and noise, 08292
Recommended methods for water-data acquisition, 01268
Recommended procedure for safety lane type pre-trip inspection of commercial motor vehicles, 05606
Recommending addition of Little Miami River, Ohio to National wild and scenic rivers system, 05024
Recommending designation of lower Suwannee River to National wild and scenic rivers system, 07373
Recommending improvements in Federal housing policy, 00854
Reconciliation of U.S.-Canada trade statistics, 06095
Recordkeeping for small business, 03453
Recordkeeping requirements and guide to tax publications, 05475
Recordkeeping systems, small store and service trade, 08832
Records control handbook, 06718, 07883
Records management handbook, 08750-2
Records of German field commands, 11676
Records of Office of Inter-American Affairs, 04634

Records of Public Land Law Review Commission, 03625
Records of selected water wells and test holes in Oklahoma Panhandle, 01269
Records of subsurface investigations and construction and foundation materials test data for Crystal Dam powerplant, 00621
Records to be kept by employers under Fair labor standards act, 08265
Recovering copper from mill tailings, selected studies, 11063
Recovery of acoustic pulse waveforms using calculator-controlled signal processing, 10359
Recovery of fatty materials from edible oil refinery effluents, 07754
Recovery of fluorine from low-grade calcareous fluorspars, preliminary studies, 11061
Recovery of secondary copper and zinc in United States, 08693
Recovery of zinc and lead from brass smelter dust, 11067
Recreation for autistic and emotionally disturbed children, 08133
Recreation potential appraisal, Woodward County, Okla., 11234
Recruiting and career counseling journal, 02532
Recurrent education, 08773
Recycling and the consumer, 06593
Rederal Reserve System Board of Governors regulation series, 03373
Reduced rate transportation for certain persons, 03206
Reduced rate transportation for youth, elderly, and handicapped, 06380
Reducing auto emissions, 07774
Reducing copper and tin impurities in ferrous scrap recovered from incinerated municipal refuse, 01376
Reduction of atmospheric pollution by application of fluidized-bed combustion and regeneration of sulfur-containing additives, 04373
Redwood National Park, 11187
Reemployment assistance for engineers, scientists, and technicians unemployed because of aerospace and defense cutbacks, 06693
Reference aid, 09389, 09392
Reference aid, abbreviations, acronyms and special terms in Turkish press, 10995
Reference aid, directory of JPRS ad hoc publications, 05533
Reference aid, glossary of narcotics terms, 01326
Reference information paper, 05643-4, 08088
Reference material to p.l. Food price changes, 07567
References information paper, 05643
References on regional cotton mechanization research projects, 02807
Reflection coefficents for computer simulation of Loran C/D pulse propagation transforms, 00084
Reflections on political economy, 05886
Reform of Federal criminal laws, 05157, 07547, 08502, 09944
Reforming international economic system, 05806
Refractive errors, 01436
Refractories, summary, 00772
Refugee and humanitarian problems in Chile, 05158
Refugee relief in Republic of Viet-Nam, Laos, and Khmer Republic, agreement between United States and International Committee of the Red Cross, 11779
Regeneration of chromated aluminum deoxidizers, 10840
Regenerative blower/pumps from West Germany, 11265
Region V public report, 02533
Regional decision making, new strategies for substate districts, 05912
Regional impacts of oil-shale development, 01310
Regional problems of scientific, technical progress, 08645
Regional rail reorganization act of 1973, 03072, 06351
Regional soybean acreage response analysis and projections for 1974, 11455
Register of approved recurring RCS reports, 04821
Register of commissioned and warrant officers of United States Naval Reserve, 08812
Register of Department of Justice and Courts of United States, 02534
Registrants processing manual, 08201-3
Registration for foreign sound recordings, 06409
Registry of minority contractors and housing professionals, 08633
Regular income limits for sec. 235-6 housing, 09361-4
Regulation of medical devices, intrauterine contraceptive devices, 00935
Regulations governing payment of entitlements under title 1 of State and local fiscal assistance act of 1972, 01590
Regulations governing payment to financial organizations for credit to accounts of employees and beneficiaries, 07086
Regulations governing transactions by Treasury Department disbursing officers under Act approved Dec. 23, 1944, as amended, 03806
Regulations governing U.S. treasury certificates of indebtedness, 01587
Regulations governing 5 percent treasury certificates of indebtedness, R.E.A. series, 10476
Regulations of Civil Aeronautics Board, 02535, 04945, 06105
Regulations of Copyright Office, 07586
Regulations of diethylstilbestrol (DES) and other drugs used in food producing animals, 06252
Regulations to govern perservation of records of public utilities and licensees, 05365
Rehabilitating inmates of Federal prisons, special programs help, but not enough, 06694
Rehabilitation financing handbook, 09368
Rehabilitation housing, sec. 235(j) basic instructions, 05455
Rehabilitation of disabled public assistance recipients, 08190-1
Rehabilitation record, 02536
Rehabilitation Service Administration quarterly indices, 02537
Reimbursement for sewage treatment facilities construction, 03190
Relating to constitutional rights of Indians, 10573
Relations to disposal of copper from national stockpile and supplemental stockpile, 00990
Relationship between personality traits and officer performance and retention criteria, 02826
Relationship of emissions to ambient air quality, 10798
Relationships of age and ATC experience to job performance ratings of terminal area traffic controllers, 07245
Relative cost of shipbuilding, 03554
Relative validity of 2 item formats for obtaining length of service data from job inventories, 05972
Relativistic effects in satellite dynamics and doppler tracking, 04707

Releases of parasites for suppression of pink bollworms in Arizona, 05922
Reliability and effective thermal conductivity of three metallic-ceramic composite insulating coatings on cooled hydrogen-oxygen rockets, 05624
Reliable results from stochastic simulation models, 07830
Relief and rehabilitation of war victims in Indochina, 05159-60
Relief and rehabilitation of war victims in Indochina one year after ceasefire, 07546
Remarks by Assistant Secretary Carroll G. Brunthaver, 05935
Remarks by Betsy Ancker-Johnson, 07327, 07336, 08967
Remarks by Charles B. Saunders, Jr., 09348
Remarks by George H. Hearn, 01205, 06617, 08566, 10908-10, 11506
Remarks by Helen Delich Bentley, 01203-4, 06616, 06618, 11507
Remarks by Howard F. Casey, 04575
Remarks by J. Phil Campbell, 00723
Remarks by John C. Sawhill, 07789, 07795-7, 10025 10900-1
Remarks by John K. Tabor, 06127-8, 07322, 07334, 07337, 08329, 08965-6
Remarks by Michael Miller, 11802
Remarks by Norris A. Lynch, 00290
Remarks by Robert D. Timm, 00793, 04946, 10548
Remarks by Robert J. Blackwell, 03552, 06815
Remarks by Rogers C. B. Morton, 01314-5, 03441
Remarks by Roy L. Ash, 03547
Remarks by Secretary of Commerce Frederick B. Dent, 06126
Remarks by Stephen A. Wakefield, 03439-40, 07790
Remarks by Under Secretary of Commerce John K. Tabor, 06127-8, 07322, 07334, 07337, 08329, 08965-6
Remarks by William E. Simon, 07791-4, 07798, 09296-7, 10026
Remarks of C. Langhorne Washburn, 00811, 04763-4, 10484
Remarks of Commissioner George H. Hearn, 01205, 06617, 08566, 10908-10, 11506
Remarks of Duke R. Ligon, 10899
Remarks of Helen D. Bentley, 01203-4, 06616, 06618, 11507
Remarks of John C. Sawhill, 07795-7, 10025, 10900-1
Remarks of Michael Miller, 11803
Remarks of Postmaster General E. T. Klassen, 01592, 09648
Remarks of Robert D. Timm, 00793, 04946, 10548
Remarks of Secretary of Interior Rogers C.B. Morton, 01314-5, 03441
Remarks of Vice Chairman George H. Hearn, 01205
Remarks of William E. Simon, 07791-4, 07798, 09296-7, 10026
Remarriage, United States, 08111
Remote sensing in agriculture, 10231
Remote sensing of air pollution in urban areas, 06557
Remote sensing of Saturn's rings, 05631
Remote sensing platforms, 05429
Removal of heavy metals from mine drainage by precipitation, 06572
Removal of spacecraft-surface particulate contaminants by simulated micrometeoroid impacts, 11126
Removal of sulfur from coal by treatment with hydrogen, 04960
Removing organic matter from drinking water, 09289
Renaming Mansfield Lake Project, Ind., in honor of Cecil M. Harden, 11416
Renegotiation act of 1951 as amended, 01541
Renegotiation Board eighteenth annual report, 07018
Renegotiation Board regulations under Renegotiation act of 1951, 02538
Renegotiation Board, regulations, 05777
Renewal of authority for ceilings on deposit interest rates and wage and price controls, 03135
Rent supplement status reports, 07890
Rental and cooperative housing for lower income families, 06721, 10118
Rental income and royalty income, 05476
Reorganization of health programs in HEW, 07420
Reorganization of U.S. automobile industry, 08503
Reorganization plan No. 2 of 1973, 07512-7, 08490
Reorganization plan No. 2 of 1973, establishing Drug Enforcement Administration in Department of Justice, 03196
Repair of rigid pavements using epoxy resin grouts, mortars and concretes, 03915
Reparaciones en su casa, que hacer y como pagar los gastos, 05465
Repeal of Rhodesian chrome amendment, 06299
Repealing act terminating Federal supervision over property and members of Menominee Indian tribe of Wisconsin, 03036
Replacement of American Falls Dam in Idaho, 04113
Replies by Members of Congress to questionnaire on general revenue sharing, 07412
Report and interpretations for general soil map of Navajo County,Ariz., 00644
Report and recommendations of National Advisory Commission on Multiple Sclerosis, 11174
Report by Special Subcommittee on Department of Defense Energy Resources and Requirements, 08384
Report FAA-AV, 10022-3
Report FAA-ED series, 09295
Report FAA-RD series, 09627, 10454-5, 11256-60, 11785-90
Report FHWA-RD series, 06609-10
Report for conference of pollution of Raritan Bay, and adjacent interstate waters, 09322-3
Report from Council of Economic Advisors on American economy, 10603
Report HM series, 05774, 10396
Report HUD-HAI series, 10973-7
Report of Attorney General to Congress of United States on administration of Foreign agents registration act of 1938, as amended for calendar year 1972, 04560
Report of audit of Commodity Credit Corporation, 09744
Report of Clerk of House, 10597
Report of Commission on American Shipbuilding, 03891-4
Report of Commission on Bankruptcy Laws of United States, 07339
Report of Commission on Organization of Government of D.C., 00124
Report of Committee on Judiciary, made on constitutional rights, 03171
Report of consultation on businesses in household employment, 08270

Report of current standards for condensers and condensing system pumps for air-cooled steam power plants, 07238
Report of educational testing service, Princeton University, on educational assistance programs for veterans, 09123
Report of EPA program planning task force for health effects research, 01182
Report of Federal Mapping Task Force on mapping, charting, geodesy and surveying, 03548
Report of fire tests on flexible connectors in HVAC systems, 06908
Report of hearing panel, National public hearings on power plant compliance with sulfur oxide air pollution regulations, 11487
Report of Interdepartmental Council to Coordinate All Federal Juvenile Delinquency Programs, 10128
Report of International Ice Patrol Service in North Atlantic Ocean, 09716
Report of investigations, 01375-82, 03561, 03563-72, 04584-91, 05597-601, 06835-8, 07986-8005, 08705-6, 09466-74, 10197, 11054-75, 11629-39
Report of Migratory Bird Conservation Commission, 04580-1
Report of National Marine Fisheries Service, calendar year 1972, 06970
Report of NRL progress, 02539
Report of oil pollution problems in Cook Inlet area, 09324
Report of President acting through Attorney General's report on feasibility of establishing environmental court system, 05553
Report of President's Advisory Panel on Timber and the Environment., 00607
Report of President's Committee on Health Education, 10374
Report of Secretary of Agriculture, 00020
Report of Secretary of Senate, 00181, 09869
Report of special mission to southern, east, and west Africa, 06233
Report of Special Subcommittee on Middle East, 05054
Report of State and local radiological health programs, 05766
Report of Task Force on Education and Training for Minority Business Enterprise, 09719
Report of twelfth annual United Kingdom Civil Aviation Authority/United States Federal Aviation Administration meeting, 10894
Report of urban renewal operations, 02541
Report of Visa Office, 05825
Report of 58th National Conference on Weights and Measures, 10266
Report on activities of Special Subcommittee on Criminal Laws and Procedures, 11424
Report on activity of Committee on Interstate and Foreign Commerce, House of Representatives, for 93d Congress, 1st session, 07382
Report on administration of program to reduce crime in Minnesota, 05413
Report on Androscoggin River, 11738
Report on automobile warranties, 05384
Report on automotive fuel economy, 01183
Report on comparability for Federal statutory pay systems, 00856
Report on discussions of Task Force on manpower distribution projects of National Health Council, 10100
Report on effects of waste discharges on water quality of Cache La Poudre and South Platte River, Greeley area, 11488
Report on examination of financial statements of Panama Canal Company and Canal Zone Government, 09748
Report on executive compensation, 11439
Report on foreign currencies held by U.S. government, 07095
Report on identification of slime in finished water samples, Savannah, Ga., 10857
Report on Illinois Rivery system, recommended measures for improving water quality, 09592
Report on investigation of effects of waste discharges from Great Western Sugar Mill at Ovid, Colo. on water quality conditions in South Platte River, 11489
Report on Missouri River basin for President's Water Resources Policy Commission, 10389
Report on pollution from major municipal waste sources in Dade County, Fla., 11490
Report on pollution of interstate waters at mouth of Savannah River, 11739
Report on pre-test of survey plan for estimating incidence of lead based paint, 08096
Report on proposed Cibolo Project, Tex., 11359
Report on quality of interstate waters, Mahoning River, Ohio-Pa., 11740
Report on rail and marine interface at port of Baltimore, 05570
Report on rail and marine interface at port of Hampton Roads, 03555
Report on waste source investigations, Holston Army Ammunition Plant, Kingsport, Tenn., report, 07775, 11491
Report on water injectivity test, lease OCS-P 0241, well B-49-1, Dos Cuadras Field, Santa Barbara Channel, off California, 10086
Report on water quality and waste source investigations, Missouri River and Papillion Creek, Omaha, Neb., 11492
Report on 4th International Technical Conference on Experimental Safety Vehicles, 04662
Report series, 02542
Report to Congress on Armed Services, 00422
Report to Congress on Defense cataloging and standardization act, 00921
Report to Congress, by Comptroller General of United States, 00424-8, 01246-9, 04455-8, 05414, 06677-95, 07837-44, 08602-7, 09336-41, 10074-84, 10934-8, 11533
Report to the President of United States by Four-H members of USA, 03330
Report to Securities and Exchange Commission, 09605
Report together with separate and individual views to accompany H.R. 9286, 03150
Report, Administrative Conference of United States, 03829
Report, Clerk of House, 05020
Reporting your tips for Federal tax purposes, 04516
Reports available in Plowshare open file, 00043
Reports for California by Geological Survey, Water Resources Division, 04480
Reports of United States Tax Court, 05876, 10466
Reports on geodetic measurements of crustal movements, 00587
Reports on implementation of vocational education amendments of 1968, 09826
Reports of passenger travel between United States and foreign countries, 09372
Reports to be made to Congress, 09014
Representatives of administrator, 10019
Reprint from U.S. Government organization manual, 11549

564-800 O - 75 - 41

Request for increases in authorizations for appropriations to International Development Association and Asian Development Bank, 04040
Request for supplemental funds from Joint Committee on Judicial Administration in District of Columbia, 09875
Requested appropriation to pay claims and judgments rendered against United States, 06217
Requirement for packaging, handling, and transportation for aeronautical and space systems, 01415
Requirements for advance reproduction in Allegheny hardwoods, and interim guide, 06654
Requirements under Federal seed act for labeling treated seed, 03836
Requiring confirmation of future appointments of Director and Deputy Director of Office of Management and Budget, 05036
Research and demonstration programs to achieve water quality goals, what Federal government needs to do, 06695
Research and development collaboration with USSR and Japan, 09117
Research and development in industry, 1971, funds, scientists and engineers, 03681
Research and development programs on plutonium fuels technology, 09695
Research and development technical reports, 03900-6, 04822-9
Research and statistics notes, 00637, 01550, 04733, 08207-16, 08843, 10418-9, 11768-70
Research applied to national needs, Division of Environmental Systems and Resources, 08157
Research applied to national needs, program solicitation, 09561-6
Research development on creation of linear electron accelerators in Moscow Physical Engineering Institute, 05530
Research directions toward reduction of injury in young and old, 01453
Research document, 10544
Research grant support in neurological, sensory, and communicative fields, 06964
Research in agrometeorological forecasting, 03493
Research in education, 02544, 10290
Research in nursing, 1969-72 research grants, 00448
Research library, recent acquisitions, 02545
Research needs and priorities, water pollution control benefits and costs, 05338
Research note, 00397-9, 04436-9, 05392-5, 06643-60, 08589-91, 10069-70
Research on materials for manufacture of open-cycle MHD generator electrodes, 06769
Research on short-term weather phenomena, 08441
Research on sonic boom problem, 04607-8
Research on subsystems and systems for application of solar energy to heating and cooling of buildings, 09566
Research paper, 00413-5, 00419, 01241, 03401, 04440-7, 05397-408, 06661-70, 07828-33, 08592-601, 10071-3
Research planning workshops on sudden infant death syndrome, 09535, 11684
Research planning workshops on sudden infant death syndrome, neurophysiological factors, 06950
Research projects accepted for Lenin and State prize competition, 10993
Research relating to children, 05289
Research series, 08678-80
Research studies on field production of tomato transplants in southern Georgia, 02819
Research study to determine range of carboxyhemoglobin in various segments of American population, 05320
Research study to obtain data pertaining to optimum requirement for dehydration and rehydration of certain freeze-dried fruits and vegetables, 04850
Research turbine for high-temperature core engine application, 10255
Research, development, and energy crisis, 08440
Reserve marine, 02547
Reserves of member banks, 03373-4
Residential alteration and repair, 01805, 02868, 04915
Residential energy consumption, multi family housing data acquisition, 10975
Residential energy consumption, phase 1 report, 10973
Residential energy consumption, single family housing, final report, 10974
Residential energy consumption, verification of time-response method for heat load calculation, 10976
Residential finance, 03934
Residual value, utilization cost analysis, 04701
Residues of MS-222, benzocaine, and their metabolities in striped bass following anesthesia, 05811
Residues of quinaldine and MS-222 in fish following anesthesia with mixtures of quinaldine sulfate, 05812
Resolution of point scatterers by hard-limited synthetic aperture radar, 03692
Resolution relating to allocation of necessary energy sources to tourism industry, 09165
Resolution relating to national consumer effort to save gas and arrive alive 03148
Resolved that Federal Government should control supply and utilization of energy in United States, 10595
Resonances in electron impact on atoms and diatomic molecules, 03635
Resource action in East Central Colorado Resource Conservation and Development Project area, 03746
Resource and land information for south Dade County, Fla., 00471
Resource bulletin, 00420-1, 01242, 04448, 05409, 06671-5, 07834-5
Resource conservation and recycling, 08476, 09196, 09914
Resource conservation, resource recovery, and solid waste disposal, 07572
Resource publication, 03757, 08223, 10436, 11243
Resource recovery, recycling, and reuse, 00251
Resource related problems, 02811
Resource scarcity, economic growth, and environment, 09738
Respiratory gas exchange and blood flow in placenta, 01454
Response variations of microphone worn on human body, 01381
Responses and residues in sugarbeets, soybeans, and corn irrigated witg 2,4-D or silvex-treated water, 05955
Restoring surface-mined land, 04785
Restrictions on military assistance to Greece, 09883
Results of flight noise measurement program using standard and modified SH-3A helicopter, 08051
Results of marketing quota referendums, 00714

Results of noise measurement program on standard and modified OH-6A helicopter, 01401
Results of sample survey of small business concerns financed by small business investment companies, 09607
Retail prices and indexes of fuels and utilities, 02549
Retail pricing of petroleum products, 05122
Retention and application of Skylab experiment experiences to future programs, 11115
Rethinking your automobile, 01184
Retinal detachment, 01437
Retinitis pigmentosa, 01438
Retired couple's budgets in Southwest, 04568
Retirement benefits for certain law enforcement and firefighting personnel, 02990
Retirement credit for Foreign Service Institute language instructors, 06347
Retirement income credit, 04517
Retirement, life insurance, and health benefits programs, 00155
Retracement and evidence of public land surveys, 07836
Retrieval program for archival Nansen-cast data, 07005
Reusable Agena study, 11159-60
Revenue and traffic of class A and B water carriers, 01320
Revenue sharing and Spanish speaking, 03930
Revenue sharing and taxes, survey of public attitude, 03831
Revenue sharing, its use by and impact on local governments, 10083
Revenue, expenses and statistics of freight forwarders, 05500, 09384
Revenues, expenses, other income and statistics of class I motor carriers of property, 03487, 06761
Reverse osmosis bibliography, abstracted and indexed, 01078
Review and analysis, 07168
Review and manner of investigating mandate pursuant to S.Res.9, 93d Congress, 09954
Review of administration of Immigration and nationality act, 08417
Review of boll weevil eradication program, 06263
Review of Commodity exchange act and discussion of possible changes, 06262
Review of computer networking technology, 08101
Review of determinations of radiation dose to active bone marrow from diagnostic X-ray examinations, 05767
Review of developments in theory of elastoplastic flow, 04604
Review of genus Cancellus (Crustacea: Diogenidae) with description of new species from Caribbean Sea, 01548
Review of military drug and alcohol programs, 09191
Review of mineral industries, 11624
Review of National Wilderness Preservation System, 08377
Review of network management problems and issues, 01427
Review of propagation information needed for effective use of 1- to 40-GHz band, 08964
Review of recent analytical and experimental studies applicable to LMBR fuel and blanket assembly design, 07227
Review of research program of Division of Controlled Thermonuclear Research, 06064
Review of selected bioeffects thresholds for various spectral ranges of light, 08189
Review of sewage and industrial waste literature, 11741
Review of space applications program, 11161
Review of testing and evaluation policies and procedures, Defense Department, 10937
Review of veterans' insurance programs, 04150
Reviewing and acting on medical certificates, 01982
Reviewing and acting on medical information, 11335
Reviewing environmental impact statements, power plant cooling systems, engineering aspects, 07755
Reviews of data on science resources, 03682
Revised corporate source index, 01400
Revised guide to law and legal literature of Mexico, 03546
Revising special pay structure relating to medical officers of uniformed services, 06350
Revision of corophiidae and related families (Amphipoda), 00631
Revision of employee civil service retirement deductions, 02983
Revision of family Lichomolgidae Kossman, 1877, cyclopoid copepods mainly associated with marine invertebrates, 07029
Revision of money stock measures and member bank reserves and desposits, 09313
Revision of nomenclature of upper part of Green River formation, Piceance Creek basin, Colorado, and estern Uinta basin, Utah, 08610
Revitalizing older houses in Charlestown, 06730
Revolutionary activities directed toward administration of penal or correctional systems, 04114-5, 08403
Revolutionary target, American penal system, 05039
Rhode Island landings, 02550
Ribbon, typewriter, record, 00382
Rice allotment transfers, 10735
Rice market news, 02551
Rice situation, 01086, 07655
Rice stocks, rough and milled, 02552
Richard B. Russel Dam and Lake, 03031
RIF newsletter, 02553
Right to peace resolution, 10698
Right to read, 07667, 09262
Right to read series, 05290
Rights and responsibilities under LMRDA, 00518
Ringworm, including athlete's foot, 00786
Riprap slope protection for earth dams, review of practices and procedures, 00620
Risk, conflict, and uncertainty in decision making and in its simulation, 08666
River currents, 02554
River summary and forecast, 02555-7
River temperatures at selected stations in Pacific Northwest, 02558-9
Riverine operations, 1966-69, Vietnam studies, 00042
Road to self-sufficiency, 07799
Robert Frost commemorative stamp, 08875
Robert Loftin Newman, 1827-1912, 08765
Rocky Mountain National Park and Land and water conservation fund act, 07533
Role and functions of project evaluator, 07342
Role of behavior in dispersal of newly hatched gypsy moth larvae, 06667
Role of foundations today and effect of Tax reform act of 1969 upon foundations, 09205
Role of industrial property rights protection in U.S./U.S.S.R. technology transfer (remarks), 07335
Role of N.L.R.B. in settling industrial disputes, 03664

Role of small business in franchising, 03084, 04148
Role of soot in transport of hydrogen chloride from fires, 11210
Role of staff bulletin, 09357
Role of theorem proving in artificial intelligence, 05743
Roll-pitch interaction simulator and control position command encoder for remote piloting of spin-entry reseach models, 06869
Roller bearings, workers of Detroit, Mich., plants of Bower Roller Bearing Division of Federal Mogul Corp., 03792

Rolling element bearing retainer analysis, 06009
Root-mean-square errors in location, orientation and shape in triangulation solution of elongate object in space, derivation of formulas, 11123
Roster of prospective Federal librarians, 02027
Round-off errors in cutting plane algorithms based on revised simplex procedure, 05628
Routinizing evaluation, getting feedback on effectiveness of crime and delinquency programs, 06954
RP-1-OC-70 southeast Pacific geophysical survey, 00591
RP-6-OC-71 data report, oceanographic conditions off Washington coast, 03668
RPM pipe deflections on Yuma project field test, 04724
RPT-TR series, 07645
RRB quarterly review, 02560
Rubber-soled footwear with fabric upper, Cranbar, Corp.,, 10463
Rubella surveillance report, 06098
Ruins stabilization in southwestern United States, 10334
Rule of law in international economic affairs, 08234
Rules and regulations and statements of procedures, Series 8, 02561
Rules and regulations for cargo and miscellaneous vessels, 03970
Rules and regulations for manning of vessels, 07319
Rules and regulations, Federal Communications Commission, 10897
Rules of bankruptcy procedure, 11357
Rules of criminal procedure for United States District Courts, 09089
Rules of evidence, 00147
Rules of practice in patent cases, 02562, 04714
Rules of road rated, 01450
Rules of the United States Court of Customs and Patent Appeals, 05195
Rules regarding delegation of authority, 03377, 10918
Runaway house, youth-run service project, 08134
Rural development research in Northeast for next 5 years, framework, task force report, 07102
Rural electric and telephone loans, 00908
Rural manpower developments, 02563
Russian grain transactions, 00224, 06393
Rwanda, 00477

S

S. 155, act for relief of Rosita E. Hodas, 00088
S. 464, act for relief of Guido Bellanca, 00090
S. 666, act for relief of Slobodan Babic, 00089
S. 1352, act to require loadlines on United States vessels, 02940
S. 1361, bill for general revision of copyright law, 09226
Safe debris burining, 06676
Safe drinking water act of 1973, 07473
Safe schools act, 04097
Safety '72, 05669-70
Safety '76, safety campaign, motor vehicle accidents, 09370
Safety and special actions, 01953
Safety digest, 02564
Safety recommendations, 02567
Safety road checks, motor carriers of property, 03575, 08707
Safety, occupational health and fire protection bulletin, 02566
Saguaro National Monument, Ariz., 08786
Sailing directions for east coast of Australia, 00280
Saint Lawrence Seaway Development Corporation, annual report, 09604
Saint Lucie Inlet, Fla., 11360, 11471
Salary table 59, executive branch of Government, 08961
Sale and distribution of Congressional record, 11389
Sale or other disposition of business or business interest, 03454
Salem Maritime National Historic Site, Mass., 04690
Sales and other dispositions of assets, 04518
Sales of fuel oil and kerosine, 05603
Saline Water Office press releases, 02487
Salinity problems of organisms in coastal areas subject to effect of engineering works, 07712
Salinity variations in sea ice, 05296
Salmonella surveillance, annual summary, 10546
Salyut space station in orbit, 08664
Sample survey procedural guide, 08289, 09681
Sampling plantations to determine white pine weevil injury, 06649
San Gorgonio development project 344, Whitewater River, Calif., 01206
San Onofre Nuclear Generating Station, unit 1, Southern California Edison Company, 06039
Sandflies of genus Culicoides (Diptera: Ceratopogonidae), 07130
Sanitary landfill, 04869
Santa Barbara Channel, 07534
Santee River basin, water and land resources, North Carolina and South Carolina, 10429
Satellite infrared soundings from NOAA spacecraft, 03671
Satellite situation report, 02568
Satellite views of Hurricane Camille, 08735
Saturn IB launch vehicle flight evaluation report-SA-208, Skylab-4, 08744
Save your teeth, 04487
Savenergy series, 09717-8, 09720-2
Savings and home financing source book, 00370
Savings and loan business, facing bright prospects, 03341
Sawing SHOLO logs, 3 methods, 08596
Sawmill manager adapts to change with linear programming, 05406
SBA business loans, 05787
SBA helps you sell your product, 05786
SBA operation BUSINESS MAINSTREAM, 05788
SBIC industry review, 10405
SBIC, starting a small business investment company, 07028
Scallops, 01472
Scattering and attenuation of electromagnetic radiation by atmospheric particles, 08083

Scattering of acoustical signals from sea surface, 11009
Scattering-matrix description and near-field measurements of electroacoustic transducers, 10270
Schedule B, special announcement, 03954
Schedule B, statistical classification of domestic and foreign commodities exports from United States, 02569
Schedule C, classification of country destinations, 03955
Schedule D, classification of U.S. customs districts and ports, 03953
Schedule of maturities for new housing authority bonds, 11555
Schizophrenia bulletin, 06960
School attendance of student beneficiaries in 1969, 08214
School food program needs, 05171
School lunch and breakfast programs, hearing before Subcommittee on Agricultural Research and General Legislation, 93d Congress, 1st session, on S.1005, S.1063, S.2409, Sept.13,1973., 06359
Schools in Kansas with tornado protection, SHawnee Mission Public Schools, District 512, 01061
Schools participating in nursing student loan and scholarship programs, 06713
SCID-TR series, 06466
Science and engineering technician education program, 08798
Science and transport, 05539
Science for living, report on progress from agricultural research, 10494
Science of fingerprints, 03337
Science policy, working glossary, 09118
Science resources studies highlights, 00596, 03683-86, 10344, 11195-6
Science support and management, 01339
Science, technology, and American diplomacy, 04102, 09073
Scientific and engineering manpower management, 07313
Scientific and technical aerospace report, 02570-71
Scientific and technical conference on problems of long-distance communications, data transmission, telegraphic communications, and line and cable equipment, 08641
Scientific and technical cooperation, 00692
Scientific and technical publication of Atlantic Oceanographic and Meteorological Laboratories, 07785
Scientific and technological development activities of Bureau of Census, 02883
Scientific meeting on all-Union radio day, abstracts of reports, 09429
Scientific monograph series, 05711
Scientific seminars of Nuclear Medicine Laboratory dedication, 07013
Scientific studies in space, some results, problems, and prospects, 09411
Scientific-technical progress and revolution in military affairs (Soviet view), 08283
Scientific-technical progress, analysis of tendencies and forecast, 03491
Scotch pine for northern Great Plains, 07833
Scouting today's a lot more than you think, 05016
Se lavo usted realmente las manos?, 01234
Sea grant newsletter, index, 00589
Sea ice terrain model and its application to surface vehicle trafficability, 07674
Sea surface energy and temperature analysis, 05541
Seabed arms control treaty, 03899
Seafaring, longshore, and shipyard employment, 02276
Sealift, 02572
Search and retrieval, 04561
Seashore, national park, and wilderness areas, 04227
Seasonal occurrence of young gulf menhaden and other fishes in northwestern Florida estuary, 03672
Seasonal variation of nitrogen, phosphorus, and chlorophyll – in Lake Michigan and Green Bay, 05814
Seaword, developments in American flag shipping, 02573
SEC authority over third market trading, 09194
SEC docket, 02574
SEC news digest, 02575
Sec.203(h), home mortgage for disaster victims, sec.203(i), home mortgage insurance for outlying area properties and sec.203(k), loan insurance for major home improvements, 07885
Second annual report of Advisory Council on Environmental Education, 04348
Second annual report of Emergency Loan Guarantee Board to Congress of United States, 00298
Second National Smokey Bear Workshop, 03402
Second panel discussion private pension plan reform, 00214
Second report to Congress, resource recovery and source reduction, 07780
Second supplemental appropriations bill, 1974, 07383, 08380-1
Second supplemental appropriations for fiscal year 1974, 09909
Second-order effects in kinetics of oil shale pyrolysis, 11071
Secondary pig iron from shredded auto scrap, 04589
Secretary Kissinger reviews U.S.-European relations (address), 07050
Secretary of Labor's report on impact of energy shortages on manpower needs, 09451
Section 3 of Title 17, U.S. Code, 07585
Section 301 (d) SBICs, small business investment companies organized under section 301 (d) of Small business investment act soley to assist disadvantaged entrepreneurs, 08830
Securities act of 1933, 01546
Securities act of 1933 releases, 02576
Securities and exchange act amendments, 07424, 08408
Securities credit by persons other than banks, brokers, or dealers, 04416
Securities exchange act amendments, 07423, 07425
Securities exchange act amendments of 1973, 08407
Securities exchange act of 1934, 02577
Securities paperwork reduction resolution, 11423
Security control of air traffic, 10014
Security police, USAF military working dog program, 07154
Seed and planting stock dealers, directory of dealers that sell more common forest and shelterbelt seeds and plants, 05410
Seed crops, acreage, production, value, supply, and disappearance, 1973 preliminary, 10451
Seed crops, annual summary, 11254
Seed crops, field seed stocks report, 02578
Seed crops, forecast, 02579

Seeded gas thrusters and related system components, 08035
Seismic hazards and land-use planning, 10942
Seismic refraction exploration for engineering site investigations, 06532
Select audiovisual records, photographs of the American city, 05415
Select catalog of National Archives microfilm publications, 04635
Selected annotated bibliography on analysis of water resource systems, 10131
Selected atomic energy products, 00773
Selected bibliography for writers, 03250
Selected bibliography on East-Asian foods and nutrition arranged according to subject matter and area, 04663
Selected characterisitcs of nursing homes for aged and chronically ill, 08110
Selected characteristics of population in low-income areas of large cities, 04912
Selected characteristics of residents in psychiatric halfway houses, 01460
Selected current acquisitions, list, Army Library, 02581
Selected electronic and associated products, 02874
Selected instruments and related products, 00774
Selected interest & exchange rates for major countries & U.S., weekly series of charts, 02582
Selected land use control policies for air quality management, 08540
Selected list of recent additions to Library, 02583
Selected list of translated non-English material of potential interest to Environmental Protection Agency, 10858
Selected manpower statistics, 09255
Selected materials on atomic energy indemnity and insurance legislation, 07244
Selected materials on twenty-fifth amendment, 04155
Selected papers from North American Conference on Labor Statistics, 04569
Selected papers on food security and availability, 09237
Selected papers on nutrition information and programs, 09961
Selected papers on technology, agriculture advances and production, 09962
Selected publications and audio-visual materials, 02584
Selected publications to aid domestic business and industry, 03305
Selected reference series, 05654
Selected references on environmental quality as it relates to health, 02585
Selected storm events in 5-minute increments from Missouri rainfall stations at Kansas City, Saint Louis, Springfield, and Columbia, Mo., 04481
Selected translations from Bulletin of Soviet antarctic expedition, 07926
Selected translations of selected articles on explosively constructed dams, 08306
Selected U.S. Government publications, 02586
Selected water resources abstracts, 02587
Selecting and growing shade trees, 03852
Selecting consultants for community development, 07125
Selection and analysis of UPT maneuvers for automated proficiency measurement development, 02822
Selection and seed growing, 00507
Selective digital computer signal systems, 06609
Selective service news, 02588
Selective withdrawal from Beech Fork Lake, Beech Fork River, W. Va., 01144
Self-determination for District of Columbia, 00125-6
Self-teaching digital-computer program for fail-operational control of turbojet engine in sea-level test stand, 10227
Self-training modules for public assistance-vocational rehabilitation Teams, 08191
Selling in Australia, 00285
Selling in Brazil, 04330
Selling in India, dealing with private sector, 05274
Selling in India, Government procurement procedures, 05272
Selling in Indonesia, 04334
Selling in Nigeria, 00283
Selling in Peru, 00284
Selling in Singapore, 04331
Selling to Department of Treasury, 11279
Selling to industry, for sheltered workshops, 01540
Selling to military, 04327
Selling to Navy, prime contractors, 05748
Semi-annual statistical summary, rural electrification program, 00625, 10400
Semi-automatic extraction of organic materials from water, 10387
Semiannual report, Selective Service System, 04730
Semiautomatic speaker recognition system, 08680
Semiconductor detectors in medicine, 04882
Semiconductor devices and their application, 10986
Semiconductor measurement technology, 09517
Semiconductor measurement technology, microelectronic ultrasonic bonding, 05649
Senate committee employees' pay, 03213
Senate document, 00179-81, 00957-61, 04154-5, 09095-6, 06312-6, 07458-9, 08444-6, 09133-8, 09867-77, 10718, 11405
Senate executive document, 00182-8, 04156-7, 06317-20, 09878
Senate executive report, 00962-5, 04158-9, 06321, 08447
Senate report, 00966-1004, 03111-244, 04160-79, 05097-103, 6322-51, 07460, 08448-63, 09139-76, 09879-906, 10719-48, 11406-32
Senegal, 00474
Seniors and National Guard, 00567
Sense of Congress regarding continued funding of housing, housing assistance, and community development programs, 03234
Sense of House of Representatives with respect to actions by Members convicted of certain crimes, 03070
Sensitivity of group job descriptions to possible inaccuracies in individual job descriptions, 08888
Separating copper from scrap by perferential melting, 04590
Separation of powers, 03220
Separation of powers and National Labor Relations Board, selected readings, 09133-4
Separation of variables in special diagonal Hamilton-Jacobi equation, application of dynamical problem of particle constrained on moving surface, 01413
Sept. 24-28, 1973, 05127
Serial set (congressional), 00086-87, 02902-5, 03993-8, 06132-47, 07345-64, 08333-7, 8971-87, 10561, 11341-9

Series 8100, temperature, salinity, and depth system, 08146
Service and taxable compensation of railroad employees, statistical tables, 00613, 09599
Service area directory, 05796
Service C weather schedules, 08561, 09294
Service experience with liquid nitrogen fuel tank inerting system in FAA DC-9 aircraft, N119, 10927
Service, USDA's report to consumers, 02590
Services to blind, community concern, 08192
Setting for growth, 07299
Seven and one half percent Treasury bonds of 1988-93, 03807, 03811, 10475
Seven and three fourths percent treasury notes of series B-1977, 00705
Seven percent treasury notes, series C-1979, 03810
Seven-year response of 35-year-old douglas-fir to nitrogen fertilizer, 05401
Seventeen-year sediment production from semiarid watershed in Southwest, 04439
Seventeenth annual report on trade agreements program, 02964
Seventh annual contractors conference, artificial kidney-chronic uremia program, 06948
Seventh annual report of United States-Japan cooperative medical science program, 09755
Seventh Conference on Space Simulation, 04617
Seventh payment, 3d quarter, entitlement period 4, 08874
Seventy-fifth report of National Society of Daughters of American Revolution, 07459
Sewage stabilization ponds in Dakotas, 11742
Sewage treatment financing by public bodies, 11743
Sex comparison of reasons for attrition of nonjourneyman FAA air traffic controllers, 09705
Shear testing of simulated lunar soil in ultrahigh vacuum, 06835
Shear-stress intensity factors for elastic sheets with cover plates, 10240
Sheep and goats, 10452
Sheep and lambs on feed, 08244
Sheep and lambs on feed, early lamb crop, 08245
Sheets, pillowcases and towels, 11321
Shelf life of tomatoes as affected by post harvest treatment and storage conditions, 04841
Shellfish, situation and outlook, 02591
Shipments of defense oriented industries, 07261
Shipments of selected electronic components, 11319
Shipments of selected plastics products, 02875
Shipping and canal operations, 07436
Shipping your household goods, 03378
Shipyard production and mobilization model, 11592
Shock and vibration digest, 02592
Shore party and helicopter support team operations, 05568
Short term energy shortages, 04139
Short-stay hospital utilization, 00635
Shrimp, 01473
Shrimp landings, 02593, 11178
Si-Au Schottky barrier nuclear battery, 02860
Sickness benefits for railroad employees., 00614
Signal (biological) fields and their significance for animals, USSR study, 09402
Signal transmission and delivery between headend and subscriber terminals, 03985
Significance of sweep in Appalachian hardwood sawlogs, 06648
Silent minority, 09583
Silurian rugose corals of central and southwest Great Basin, 06703
Silvicultural guide spruce-fir in Northeast, 06643
Similarity of job types reported from two independent analyses of occupational data, 09675
Simplified atomic absorption determination of stable strontium in milk and hay comparison of methods and stepwise procedure, 10829
Simplified holographic-interferometry technique for real-time flow visualization and analysis, 08725
Simplified purchase procedures, 09079
Simulating changes in even-aged timber stands, 04444
Simulation model of farm sector social accounts with projections to 1980, 03876
Simulation of decelerating landing approaches on exteranlly blown flap STOL transport airplane, 11122
Simulation of high-resolution radar displays of city complexes, 02830
Simulation of hydrazine-driven emergency power generator, 06489
Simulation of thermal systems of space vehicle and its environment, 03620
Simulator evaluation of display concepts for pilot monitoring and control of space shuttle approach and landing, 08032
Simulator tests to study hot-flow problems related to gas core reactor, 06845
Sinusitis, 05673
Six-spined engraver beetle, 06641
Sixth AFOSR Symposium on Advanced Propulsion Concepts, proceedings, 05965
Sixth annual conference of State comprehensive health planning agencies, 08330
Sixth annual contractors' conference of the artificial kidney program, 06949
Sixth biennial HUD awards for design excellence, 09371
Sixth payment, 2d quarter, entitlement period 4, Office of Revenue Sharing, 07089
Sixtieth annual report, 1973, Board of Governors of Federal Reserve System, 10919
Sixty-first annual report, Department of Labor, fiscal year 1973, 08681
Skylab, 01005
Skylab and sun, 01396
Skylab earth resources experiment package experiments in oceanography and marine science, 03667
Skylab experiments, 00549
Skylab experiments, astronomy and space physics, 04613
Skylab experiments, living and working in space, 04614
Skylab experiments, materials science, 04612
Skylab experiments, mechanics, 01395
Skylab 1 investigation report, 00165
Skylab 3, 07448
Skylab 3 and 4 science demonstrations, preliminary report, 11114
Skylab results, 10202
Skylab results, third Space Processing Symposium, abstracts, 10202
Slant range visibility measurement for aircraft landing operations, 11785
Slaughtering, cutting and processing pork on farm, 05936
Sliding of poly (vinyl chloride) on metals studied by Auger electron spectroscopy, 08070
Sludge incineration and fuel conservation, 09290
Slurry flow in vertical pipes, 01479
S10-60 individual equipment for multichannel long-distance communications systems, 07936
Small aperture testing for airfield pavement evaluation, 07715

Small Business Administration technology utilization program, 00945
Small business and energy crisis, 10760
Small business and energy shortage, 04149
Small business and labor surplus area specialists designated to assist businessman, 05264
Small business energy bill, 09176
Small business aspects of selected recommendations of Commission on Government Procurement, 08457
Small business bibliographies, 01547, 08831-3
Small business impact of actions and policies by Federal regulatory agencies, Interstate Commerce Commission, 10662
Small business problems involved in marketing of grain and other commodities, 06308
Small business procurement policies of Federally supported programs, 06225
Small-area data notes, 02594
Smithsonian contributions to zoology, 00630, 01548, 07029, 08205-6, 08836, 09608-9, 11760-2
Smithsonian Institute contributions to earth sciences, 10408
Smithsonian Institution research reports, 02546
Smithsonian studies in history and technology, 00632, 01549, 05790-1
Smithsonian torch, 02595
Smithsonian year 1973, annual report, 05792
Smoking and health bulletin, 02596
SNAP-8 refractory boiler development program, 10206
Snow and frost depths on north and south slopes, 06647
Snow avalanche sites, 10493
Snow Mountain Wilderness, 04228
Snow Mountain Wilderness in Mendocino National Forest, 04111
Snow survey phase of Project Skywater, Colorado, annual report, 09612
Snow survey sampling guide, 05929
Snowmelt lysimeters perform well in cold temperatures in central Colorado, 04438
So you're going to be new father?, 07305
Soaps and detergents for home laundering, 04780
Social and economic effects of highways, 10029
Social and health indicators system, 08938-9, 09711
Social and Rehabilitation Service program application report, 08837-9, 08841
Social indicators, 10170
Social performance of financial institutions, monetary perspective, 01224
Social psychology and social planning, 06776
Social security, 00691
Social Security Administration research report, 10420
Social security amendments of 1973, 04177
Social security bulletin, 02597
Social security disability applicant statistics, 05797, 10421
Social security for clergymen and religious workers, 05477
Social security programs in United States, 01551
Social security rulings on Federal old-age, survivors, disability, health insurance, and miners benefits, 02598
Social services and welfare reform, 04200
Social welfare expenditures in fiscal year 1973, 08208
Social work guide for long-term care facilities, 08776
Social workers' service under Federal employees' health benefits program, 09849
Socioeconomic environmental studies series, 01186-8, 05337-8, 06589, 07776-8, 10001-2, 10859-60
Soil X-ray emission spectra of metallic solids, 09515
Soil and moisture conservation report, 05775
Soil and water loans, 02817
Soil conservation, 02599
Soil Conservation Service snow survey and water supply forecast program, 04736
Soil stabilization investigation, 00299
Soil survey of Alamosa Area, Colo., 07037
Soil survey of Baca County, Colo., 05802
Soil survey of Bingham area, Idaho, 01558
Soil survey of Bryan and Chatham Counties, Ga., 11235
Soil survey of Calloway and Marshall Counties, Ky., 08219
Soil survey of Cecil County, Md., 04737
Soil survey of Chemung County, N.Y., 00645
Soil survey of Cherokee, Gilmer, and Pickens Counties, Ga., 01559
Soil survey of Chittenden County, Vt., 11771
Soil survey of Cobb County, Ga., 07038
Soil survey of Collingsworth County, Tex., 07039
Soil survey of Columbia County Area, Wash., 08845
Soil survey of Crawford County, Iowa, 00646
Soil survey of Crawford County, Kans., 04738
Soil survey of Edwards County, Kans., 00647
Soil survey of Emmet County, Mich., 10430
Soil survey of Fayette County, Ohio, 08846
soil survey of Harding County, N. Mex., 08220
Soil survey of Hemphill County, Tex., 11237
Soil survey of Hidalgo County, N. Mex., 04739
Soil survey of Hodgeman County, Kans., 00648
Soil survey of Island of Hawaii, Sate of Hawaii, 07040
Soil survey of Lake County, S. Dak., 10431
Soil survey of Lea County, N. Mex., 09613
Soil survey of Leelanau County, 00649
Soil survey of Logan County, Ill., 09614
Soil survey of Madison County, Ky., 05804
Soil survey of Meigs County, Tenn., 08221
Soil survey of Monroe County, N.Y., 00650
Soil survey of Montgomery, Toombs, and Wheeler Counties, Ga., 08847
Soil survey of Ouachita Parish, La., 09615
Soil survey of Phelps County, Nebr., 01560
Soil survey of Pontotoc County, Miss., 08848
Soil survey of Saint Clair County, Mich., 11238
Soil survey of Saint James and Saint John the Baptist Parishes, La., 01561
Soil survey of Scurry County, Tex., 00651
Soil survey of Stafford and King George Counties, Va., 10432
Soil survey of Tahoe basin area, California and Nevada, 09616
Soil survey of Terrell County, Tex., 11239
Soil survey of Todd County, S. Dak., 11240
Soil survey of Transylvania County, N.C., 10433
Soil survey of Wharton County, Tex., 11241
Soil survey of Worcester County, Md., 00652
Soil survey of Yamhill area, Oreg., 10434
Soil survey report of Cowlitz Area, Wash., 11236
Soil survey, Alsea area, Oreg., 03747
Soil survey, Boone, Campbell, and Kenton Counties, Ky., 03748
Soil survey, Hancock County, Ohio, 03749
Soil survey, King County area, Washington, 05803
Soil survey, San Diego, Calif., 03750

Soil survey, special report, Organ Pipe Cactus National Monument, Pima County, Ariz., 03751
Soil survey, Susitna Valley area, Alaska, 05805
Soil survey, Susquehanna County, Pa., 01562
Soil-polymer system, 07685
Soils and fertilizers, natural resources, erosion conservation, 03717
Soils and people, Evangeline Parish, 00653
Solar corpuscular streams and weather on earth, 08663
Solar energy for heating and cooling, 05085
Solar energy for terrestrial generation of electricity, 04144
Solar energy, proof of concept experiments, 10345
Solar heating and cooling demonstration act, 08442
Solar heating and cooling demonstration act of 1973, 08361
Solar heating and cooling demonstration act of 1974, 10736, 10742
Solar home heating and cooling demonstration act 1974, 09951
Solar ionization rates for ionospheric E. F. and D regions, 07000
Solar neutrinos, 11574
Solar-geophysical data, 02600
Soldier statesman specialty, 11303
Soldiers, 02601
Soldiers and statesmen, proceedings of 4th Military history symposium, USAF Academy, 04808
Solid state technology, compilation, 04619
Solid waste disposal study, technical report, Genesee County, Mich., 11744
Solid waste handling in metropolitan areas, 11745
Solid waste management in wholesale food distribution centers, 08277
Solid waste management SW series, 03326, 06590-3, 07779-80, 09291-2, 10861-2
Solid waste management, available information materials, 06591
Solid waste recycling project, national directory, 03326
Solid wastes demonstration grant abstracts, 11746
Solitary occupancy for unequal cell probabilities with application to doppler radars for ocean surveillance, 09576
Solute diffusion in liquid metals, 03618
Solution chemistry in crevices on Fe-Cr binary alloys, 10364
Solution control for hybrid microcircuit etching, 08896
Solution graphs, simple algebraic structures for problems in linear anisotropic elasticity, 03693
Somalia, 06753
Some active magnetosphere experiments to be performed by Plasma Physics and Environmental Perturbation Laboratory, 09552
Some applications and limitations of fast Fourier transform, 11111
Some climatological characteristics of seedable upslope cloud systems in High Plains, 03669
Some effects of pressure on hydrocracking of crude shale oil over cobalt molybdate catalyst, 07999
Some factors relevant to determination in situ stress by analysis of geological and geophysical data, 04482
Some features of dynamic structure of deep estuary, 10317
Some general principles for studying combined effect of spaceflight factors, 09410
Some mathematical aspects of social security amendments in Public Law 93-66, 05793
Some models of epizootological forecasts, 00498
Some observations on age relationships in spruce-fir regeneration, 00399
Some observations on invagination of colon with prolapse through anus in golden Syrian hamster (Mesocricetus a. auratus), 04843
Some problems in designing of large mirror radiotelescopes, 00497
Some problems of predicting activity of man in extreme states, USSR study, 05509
Some progress in improving management of Government owned and leased real property overseas, 08607
Some references on metric information, with charts on all you need to know about metric [and] metric convension factors, 06913
Some results of investigation of natural electrical field at sea, 08656
Some Soviet examples of underwater technology, 11564
Sonic boom startle effects, report of field study, 07249
Sound and light performance system for east front of National Capitol, 08429
Sound and sea, 10997
Sound propagation in and radiation from acoustically lined flow ducts, 05609
Source directory series, 00472-3
Source material on Vietnam era veteran, 07579
Sourcebook of criminal justice statistics, 11023
Sources and management of micro-organisms for development of fermentation industry, 07108
Sources of assistance in reclaiming surface-mined lands for outdoor recreation, 03696
Sources of funds, federally funded community mental health centers, 01458
South Asia and strategic Indian Ocean, bibliographic survey of literature, 04860
South Atlantic fisheries, 1971, annual summary, 08141
South Carolina best of 36 loblolly pine seed sources for southern Arkansas, 05407
South Carolina landings, 02602, 09546
South Carolina landings, annual summary 1972, 11690
South Ellenville flood control project, Rondout Creek basin New York, 10819
South Indian tropical cyclone strike probabilities, 05726
South Indian tropical cyclone vector mean charts, 05727
South Korea, 03960
Southeast during Civil War, selected War Department records in National Archives of United States, 08088
Southeastern University of Young Men's Christian Association of District of Columbia, 09879
Southern pulpwood production, 06671
Southern Rhodesia, official standard names gazetteer, 03405
Southwest cattle ranches, organization, costs, and returns, 08276
Southwest Pacific and Australian area tropical cyclone vector mean charts, 07007
Southwestern pinyon-juniper ecosystem, bibliography, 08585
Soviet disarmament propaganda and strange case of Marshall Grechko, 09945
Soviet economic outlook, 06206
Soviet medicine, bibliography of bibliographies, 00493
Soviet military thought series, 08282-3

Soviet papers on design of underwater manipulators, 04542
Soviet public health, 02604
Soviet-bloc research in geophysics, astronomy, and space, 02603
SP series, 01203-4, 06617-8, 08566, 10908-10, 11506-7
Space biology and medicine, 02605
Space missions, payloads, and traffic for space shuttle era, 06352
Space photographic surveys in geological studies, 09398
Space research program, 05847
Space shuttle payloads, 06353
Space shuttle program, 06352
Space shuttle, space tug, Apollo-Soyuz test project, 1974, 09856
Space simulation, proceedings of symposium, 04617
Space technolgy serves mankind in many ways, 08745
Space tug, 1973, 07447
Spacelab data management subsystem, phase B study, 11120
Spacelab phase study, environmental control system, component handbook, 10232
Spaceport visitor facilities, 08748
Spaceship dockings and problems of weightlessness, 06787
Spanish-speaking Africa, guide to official publications, 01365
Special analyses, budget of United States Government, 06812
Special bridge replacement program, 09965
Special business conditions report, 06465
Special censuses series, 04930, 06090
Special current business reports, 02606
Special education careers, programs for professional training in special education, 01095
Special energy research and development appropriations bill for 1975, 06270, 09815
Special energy research and development appropriations bill, 1975, 08371
Special flood hazard information, 01142
Special flood hazard information report, Upper White Oak Creek Basin, Shenandoah, new town in Coweta County, Ga., 07710
Special flood hazard information series, 07706-10
Special flood hazard information, Clark Fork, vicinity of Missoula to Alberton, Mont.,, 07706
Special flood hazard information, Mill Creek, Gekeler Slough, La Grande, Oreg., 07707
Special flood hazard information, Pack River, Bonner County, Idaho, 07708
Special flood hazard information, South Fork Palouse River, Moscow, Idaho and vicinity, 07709
Special military operations handbook, 04811, 07160
Special pay bonus structure relating to members of Armed Forces, 09035, 09150
Special pay bonuses for members of Armed Forces, 08368
Special payment, 1st quarter, entitlement period 4, 05887
Special payments, Oct.19-Nov.19, 1973, entitlement period 4, 04761
Special prosecutor, 05161-2
Special prosecutor and Watergate grand jury legislation, hearings before Subcommittee on Criminal Justice, 93d Congress, 1st session, on H.J.Res.784 and H.R.10937, Oct.29-Nov.8,1973., 05077
Special publication SP series, 05723, 10354
Special report on techniques of aided self-help housing, 10978
Special report series, 07257
Special report, translations on law of sea, 09400, 09404, 09406, 09414, 09422-23, 11103
Special scientific report, wildlife series, 00657, 05813, 07042, 08224-6, 10437, 11244
Special studies series, 07267
Special study, report on approach and landing accident prevention forum, 08806
Special study, U.S. general aviation accidents involving fuel starvation, 09571
Special summer food service program for children, 07127
Specialization in cooperative feed manufacturing, 06602
Specialized emergency medical aid in RSFSR, 01334
Species and structure of a virgin northern hardwood stand in New Hampshire, 06655
Specific impacts of prototype oil-shale development, 01312
Specifications and drawings for construction of buried cables and wires, 08196
Specifications for integrated water quality data acquisition system, 10390-1
Specifications for microfilming of books and pamphlets in Library of Congress, 01366
Specifications for slow speed telemetry system for water pollution surveillance, 10863
Specifications, to tolerances, and other technical requirements for commercial weighing devices as adopted by National Conference on Weigths and Measures, 06904
Spectral identification of compounds formed by nuclear radiation in air for remote fallout survey, 03900
Spectral irradiance curve calculations for any type of solar eclipse, 11118
Speech by Peter J. Brennan, 03535, 04563
Speech by Peter J. Brennan, Secretary of Labor, 01351
Speech by Secretary of Labor, Peter J. Brennan, 03536
Speed of comprehending submarine fire control displays, 07959-61
Speedy trials, 00231
Spillway crest design, 07714
Spillway for lock and dam 26, Mississippi River Mo. and Ill., 05312
SPLASH(special program to list amplitudes of surges from hurricanes), 10321
Sponsor handbook, special summar food service program for children, 07128
Sport Fisheries and Wildlife Bureau technical papers, 01563, 03758, 05814
Sport fishery abstracts, 02607
Sportsman's guide to handling, smoking, and preserving coho salmon, 05693
Spot cotton quotations, 02608
Spray boom assembly, 05390
Spring and winter wheat varieties, 01331, 05513
Springfield Armory National Historic Site, Mass., 06330
SRS publications, 11229
SRS research information index, 11230
SSC series, 03735-6, 07026-7, 08828, 11227-8
SSI series, 05798, 07034, 10423
SSME/side loads analysis for flight configuration, 11117
St.Louis helicopter project, cooperative effort among 14 railroad police departments, 08256
Stability analysis and trend study of ballon tethered in wind, with experimental comparisons, 01403

Stability and oscillation of elastic systems, modern concepts, paradoxes and errors, 03619
Stability constants of metal coordination compounds, 07996
Stability region maximization by decomposition-aggregation method, 11092
Staff College catalog of courses, 09248
Staff data and materials on unemployment compensation, 07492
Staff economic study, 05372
Staff of USSR Academy of Sciences, staff, 10992
Staff report on electric power system disturbance affecting Gulf Coast area of Southern Company system, 09303
Staff report on monthly report of cost and quality of fuels for steam-electric plant;, 02609
Staff research studies, 03793, 10464
Staff study of impact of energy shortages on Los Angeles, 05136
Staff study of oversight and efficiency of executive agencies with respect to petroleum industry, especially as it relates to fuel shortage, 04208
Staffing of mental health facilities United States, 06958
Stages and discharges of Mississippi River and tributaries and other watersheds in New Orleans district for 1972, 07711
Standard data elements and coding, 00509-71, 01441-4, 04661
Standard plans for highway bridges, 04407
Standard practice for concrete for military structures, 09682
Standard quartz curvettes for high accuracy spectrophotometry, 06914
Standard reference materials and meaningful measurements, 03642
Standard rock suite for rapid excavation research, 11060
Standardization and measurement services in Korea, 06905
Standardization of data elements and representations, 08753
Standardization of shipping containers for fresh fruits and vegetables, 07120
Standardization of work measurement, 03295
Standardizing container sizes for shipping fresh meat products, 02804
Standards and goals process, 09435
Standards of medical fitness, 07167
Standards of time and frequency in U.S.A., 10269
Standards on noise measurements, rating schemes, and definitions, 03641
Standards, Federal motor vehicle safety standards, 10284
Standby energy emergency authorities act, 08374
Standing Consultative Commission on Arms Limitation, 00666
Standing Rock Reservation, 00460
STAR adaption for 2 algorithms used on serial computers, 11102
Start-up of municipal wastewater treatment facilities, 08878
State air data information survey, 07781
State air pollution implementation plan, 07135
State air pollution implementation plan progress report, 10864
State and local environmental libraries, directory, 01190
State and local government employment and payrolls, 02610
State and privately owned land protection within National forest protection areas, 09333
State civil service employee associations, 09438
State constitutional provisions and selected legal materials relating to public school finance, 06482
State consumer action, summary '72, 00246
State Department news releases, 02489
State Government finances, 02879
State imposts on interstate wine, 08483
State land use programs, 08496
State laws enacted in 1972 of interest to Housing and Urban Development Department, 10979
State maximums, other limitations, and effect of Federal matching provisions on public assistance money payments, 01432
State meat inspection standards, 04186
State member banks of Federal reserve system and non-member banks, 10048
State member banks of Federal Reserve System and Nonmember banks that maintain clearing accounts with Federal reserve banks, 02611
State of aerospace industry, 05104
State of information submitted on behalf of President Nixon, 09090
State of Maryland waste oil recovery and reuse program, 09999
State of the art, 1971 instrumentation for measurement of particulate emissions from combustion sources, 07742
State planning agency grants, guideline manual, 09436
State rehabilitation facilities specialist exchange, 02612
State salary survey, 03967
State tax collections in 1973, 04932
State taxation of interstate commerce, 07493
State trends, supplement to FHA trends, sec.203, Home mortgages insured by FHA proposed homes, 06615
State veterans' laws, 07450, 09968
State vocational rehabilitation agency program data, 11221
State vocational rehabilitation agency, program and financial plan, 10397
State-chartered credit unions, 1972 annual report, 03656
State-of-art review, water pollution control benefits and costs, 05337
State/USIA authorizations, 09212
Statement by William E. Simon, 05356
Statement of accounting principles and standards for Federal credit unions, 08767
Statement of information, 09098-9, 09845-6
Statement of information submitted on behalf of President Nixon, 09092, 09095
Statement of John C. Sawhill, Deputy Administrator, Federal Energy Office, 07800
Statement of principles respecting policies, organization, operation and service activities of of sheltered workshops and homebound programs, 01100
Statement of record, property report, sample sub-division filing for Office of Interstate Land Sales Registration, 10124
Statement of United States currency and coin, 02613
Statement on affirmative action for equal employment opportunities, 07309
Statement on water quality, Chicago and environs, 09593
Statement on water quality management, States of Connecticut and Massachusetts, 11219
Statements at public hearings of Commission on Population Growth and American Future, 08816

States and discharges of Mississippi River and tributaries in Memphis district, 06528
Statewide travel demand forecasting studies, 09300
Static language analysis, 03645
Statistical abstract of United States, 02880, 02960
Statistical abstract supplement, 04937, 06210
Statistical analysis of flight times for space shuttle ferry flight, 10212
Statistical analysis of world's merchant fleets, 09455
Statistical appendix to Annual Report of Secretary of Treasury on state of finances, fiscal year 1973, 05888, 06212
Statistical bulletin, 02614
Statistical classification of domestic and foreign commodities exported from United States, 04939
Statistical mapping and geographic base files of Bureau of Census, 10545
Statistical methods in nuclear material control, 10524
Statistical methods in sonar, 03503
Statistical methods of studying natural objects, 10987
Statistical note, 01457-60, 04668-70, 10298-300
Statistical prediction of equilibrium temperatures from standard meteorological data bases, 05326
Statistical relationships of fiber properties to yarn properties and to spinning efficiency of medium staple cottons, 09662
Statistical reporter, 02615
Statistical series releases, 02616
Statistical studies in field geochemistry (series), 01263
Statistical summary, minerals yearbook, 11625
Statistical supplement, 1972 annual report, Railroad Retirement Board, 00615
Statistical supplement, 1973 annual report, Railroad Retirement Board, 10393
Statistical survey of National Bureau of Standards papers, Jan-Dec.1972, 04638
Statistics of income, 03455-6, 04519
Statistics of income 1971, individual tax returns, 05478
Statistics of income 1970, fiduciary income tax returns, 07896
Statistics of interstate natural gas pipeline companies, 05364
Statistics of Navy medicine, 02617
Statistics of nonpublic elementary and secondary schools, 04349
Statistics of publicly owned electric utilities in United States 1972, 11508
Statistics of State school systems, 05291
Statistics of telephone carriers reporting annually to Commission, 01198, 05351
Statistics, TVA power distributors, 10473
Statue de la Liberte Monument National, 04691
Status and availability of Military handbooks and ANC bulletins for aircraft., 01195
Status and future manpower needs of physicists in medicine in United States, 07014
Status and prospects of development of space geodesy, 11569
Status of U.S. Postal Service in western region, 05079
Status report on Law of the Sea Conference, 07535
Status report on water levels of Great Lakes, 08435
Status report, workable program for community improvement, 02618
Status, privileges and immunities of delegations to US-USSR Standing Consultative Commission on Arms Limitation, 03771
Statutes of world tourism orgainization, 00183
Statutory authority for FBI's domestic intelligence activities, 09840
Statutory exceptions to competitive service, 11438
STD observations in northeast Pacific, Sept.-Oct. 1972, 00592
Steam-cured bricks from industrial mineral wastes, 11057
Steam-electric plant air and water quality control data, 05363
Steel and fiber glass reinforced resin pipe in sand backfill, 03725
Steel import data, shipments from exporting counties in calendar year, 05778
Steel import data, shipments from exporting countries and summary of shipments, 11222
Steel power boilers, 11324
Steinberg at the Smithsonian, 08766
Stenographers and typists, shopping for a future?, 06731
Stereo antenna patterns from principal plane patterns, 05740
Stereomatrix 3-D display system, 07225
Stiffness matrix reduction for large structural systems using Cholesky decomposition, 09984
Stochastic model of controlled airway traffic, 10023
Stockholders investment act of 1974, 07494
Stocking guide for Eastern white pine, 00398
Stockpile information, 02619
Stocks of grain in deliverable positions for Chicago Board of Trade, 02620
Stocks of hops, 04750
STOL technology, 03595
Storage batteries maintenance and principles, 03721
Storage/maintenance activities operations manual, 05204
Storage, distribution and dispensing of aircraft and automotive fuels, 07177
Storing vegetables and fruits in basements, cellars, outbuildings, and pits, 00011
Storm data, 02621
Story of Federal Bureau of Investigation, 10896
Strain-cycling fatigue behavior of 10 structural metals testing in liquid helium (4 K), in liquid nitrogen (78 K), and in ambient-air (300 K), 09506
Strasbourg patent classification agreement, 00963
Strategic balance, 08853
Strategic briefs, 08284
Strategic environmental assessment system (SEAS), (address), 00352
Strategic petroleum reserves, 04214
Strategic plan, national cancer program, 04645
Strategies for restructuring State Department of Youth Services, 11286
Strategy for balanced population growth and economic development, 08434
Strawberry culture, eastern United States, 02812
Strawberry varities, 04775
Stream channelization, what federally financed draglines and bulldozers do to our Nation's streams, 06227
Stream chemistry following forest fire and urea fertilization in north-central Washington, 05402
Streamline curvature design procedure for subsonic and transonic ducts, 05621
Strengthening instruction in academic subjects, 06483

Strengthening International Court of Justice, hearings, 93d Congress, 1st session on S. Res.74, S. Res.75, S. Res.76, S. Res.77, and S. Res.78, May 10 and 11, 1973, 06385
Strip mining methods and equipment selection, analysis, 00078
Strontium fluoride and yttrium oxide phase diagram and information on strontium fluoride and strontium oxide system, 11633
Structural analysis of coal mine opening in elastic, multilayered material, 11632
Structural changes in speech uttered in helium-oxygen medium, 03510
Structural characteristics of housing inventories, 07256
Structural deflections, literature and state of art survey, 03628
Structural design data for concrete drift linings in block caving stopes, 07988
Structural design procedure for corrugated plastic drainage tubing, 04793, 05953
Structural evaluation of steel faced sandwich panels, 11677
Structural glued laminated timber, 06925
Structure of diamond films obtained from gaseous phase under low pressures, USSR study, 06767
Structures on expansive soils, 11460
Student advisory committee handbook, 01096
Student discussion guide, Office of Equal Employment Opportunity, 11578
Student evaluation in vocational and technical education, 10286
Student financial assistance, theory and practice of need analysis, 09827
Student-oriented programs, 08792
Students comment on United Nations, 00929
Students enrolled for advance degrees, fall 1971, 09264
Studies in public welfare, 04034, 09010
Studies of death, injuries, and economic losses resulting from accidental burning of products, fabrics, or related materials, 10961
Studies of liquid-metal flows in magnetohydrodynamic systems, 03509
Studies on effects of salinity and temperature on commercial shrimp, Penaeus aztecus ives, with special regard to survival limits, growth, oxygen consumption and ionic regulation, 09990
Study of agency work contexts, implication for administration, 08838
Study of agency work contexts study, implications for personnel management, 08839
Study of agency work contexts, implications for organizational development, 08841
Study of agency work contexts, implications for supervision, 08837
Study of agency work contexts, implications for training, 08840
Study of attitude toward life of our nation's students, 04350, 05292
Study of benefits for teachers in overseas dependent school system, 09110
Study of Canadian market for United States travel, 11280
Study of control force limits for female pilots, 10532
Study of control system to alleviate aircraft response to horizontal and vertical gusts, 06858
Study of crack closure in fatigue, 01394
Study of critical defects in ablative heat shield systems for space shuttle, 08024
Study of current and proposed practices in animal waste management, 06594
Study of day care's effect on labor force participation of low-income mothers, 00291
Study to determine feasibility of low sonic boom supersonic transport, 08023
Study of earthquakes losses in Los Angeles, California area, 06598
Study of effect of flight density and background noise on V/STOL acceptability, 08018
Study of effect of radio-frequency and microwave electromagnetic fields on enzyme substrate reaction in aqueous solutions and organic solvents, 09409
Study of emissions from 1966-72 light-duty vehicles in Washington, D.C., 00024
Study of employment of women in Federal Government, 04955
Study of fatigue and fracture in 7075-T6 aluminum alloy in vacuum and air environments, 03597
Study of financial practices of governments in metropolitan areas, 00458
Study of infant mortality form linked records by age of mother, total-birth order, and other variables United States, 1960 live-birth cohort, 01430
Study of injuried patients, trauma conference report, 11173
Study of methods which predict supersonic flow fields from body geometry, distance, and Mach number, 06873
Study of Navy and Marine Corps personnel admitted to psychiatric sick list, 06820
Study of organic contaminants in boundary waters carbon filter techniques, Lake Huron, Lake Erie, 09594
Study of parameters and dynamics of laser plasma, 06773
Study of population of rotational levels of nitrogen molecules excited by electron impact in flows of rarefied gas with large parameter gradients, 05521
Study of programs for health services in outpatient health centers in District of Columbia, 00428
Study of quiet turbofan STOL aircraft for short-haul transportation, 08029-30
Study of reactions between fuel (U,Pu)02 and sodium, 07211
Study of role of pyrotechnic systems on space shuttle program, 00545
Study of soil amplification factors in earthquake damage areas, Caracas, Venezuela, 10322
Study of some aspects of crown-of-thorns starfish (Acanthaster planci) infestation of reefs of Australia's Great Barrier Reef, 08834
Study of structure of thermonuclear combustion front in layer of plasma confined by physical walls, 07920
Study of visual thinking, 07923
Study to determine feasibility of low sonic boom supersonic transport, 08023
Stumpage prices for sawtimber sold from national forests, 02622
Sturgis Formation (Upper Pennsylvania), new map unit in western Kentucky coal field, 03408
Style of science, its synthesis and problems in planning of scientific progress, 01332
Subcommittee 1 hearings on H.R.5621, to provide for presentation of flag of United States for deceased members of National Guard and Selected Reserve, 07389
Subcommittee 1 hearings on H.R. 9745, H.R. 9749, H.R. 10011, and H.R. 10012, 07388

Subcommittee 1 hearings on purchase by Department of Army of rotary forge machine, 06279
Subcommittee 2 hearings on H.J. Res. 876 and H.J. Res. 906, 11395
Subcommittee 2 hearings on H.R. 3148, to amend sec. 505 of title 10, United States Code, 11394
Subcommittee 2 hearings on H.R. 7582, 03105
Subcommittee 2 hearings on H.R. 10367, to amend sec. 269(d) of title 10, United States Code, 09821
Subcommittee 3 hearings on H.R. 10369, to amend title 37, United States Code, 11393
Subcommittee 3 hearings on S. 1773, to amend sec. 7305 of title 10, United States Code, 06278
Subcommittee 4 hearings on H.R. 1717, 09819
Subcommittee 4 hearings on H.R. 11035 to amend title 10 of United States Code, 08385
Subcommittee 4 hearings on H.R. 13937, to amend title 37 of United States Code, 10689
Subcommittee 4 hearings on S. 2770, to amend chap. 5 of title 37, United States Code, 09054
Subject headings used in dictionary catalogs of Library of Congress, supplement, 02623
Subjects' recent life changes and their near-future illness susceptibility, 06819
Submission of recorded Presidential conversations to Committee on Judiciary of House of Representatives, 07010
Subpoint prediction for direct readout meteorological satellites, 05703
Subscriber terminals and network interface, 00808
Subsidy for United States certificated air carriers, 07308
Substate regionalism and Federal experience, 10487, 11287
Substate regionalism and Federal system, 05912
Subsurface biological activity in relation to ground water pollution, 04367
Subsurface disposal of pickle liquor, 03571
Success-run equation for detection applications, 10361
Sudden infant death syndrome, 07563, 08409
Sudden infant death syndrome act of 1973, 06340
Sudden infant death syndrome act of 1974, 09032
Sugar act amendments of 1974, 09795
Sugar and tomorrow, 10499
Sugar crops, potatoes, other specified crops, 04905
Sugar reports, 02625
Sugar, determination, wage rates and prices, 02624
Sugar, requirements and area quotas, 02626
Suggested reading list, Arikara, 00462
Suggested reading list, Assiniboin, 00463
Suggested reading list, Caddo, 00464
Suggested reading list, Chickasaw, 00465
Suggested reading list, Cree, 00465-6
Suggested reading list, Delaware, 00467
Suggested reading list, Gros Ventres, 01298
Suggested reading list, Iowa, 01299
Suggested reading list, Mandan & Hidatsa, 01300
Suggested reading list, Miami, 00468
Suggested reading list, Omaha, 00469
Suggested reading list, Papago, 00470
Suggested reading list, Pima, 01301
Suggested reading list, Ponca, 01302
Suggested reading list, Potawatomi, 01303
Suggested reading list, Salish, 01304
Suggested reading list, Spokane, 01305
Suggested reading list, Wichita, 01306
Suggested reading list, Wyandot (Huron), 01307
Suicide, homicide and alcoholism among American Indians, 01461
Sulfuric acid, 00067
Sulfuric acid and ferrous sulfate recovery from waste pickle liquor, 11481
Summaries of USAEC environmental research and development, 03926
Summary and analysis of H.R.10710, Trade reform act of 1973; Feb.26,1974., 07495
Summary and analysis of international travel to U.S., 02628
Summary and evaluation of public service careers, plan B, 10094
Summary of accident investigations, 05605
Summary of accidents reported by all line-haul and switching and terminal railroad companies, 02629
Summary of activities during 1973, 06369
Summary of activities of Committee on Judiciary, 09847
Summary of activities of Committee on Post Office and Civil Service, 09853
Summary of activities, 1973, report of Committee on Banking, Housing and Urban Affairs, Senate, 09911
Summary of Administration recommendations on U.S. taxation of foreign income and foreign persons, 07496
Summary of awards, 10346
Summary of awards, fy '73, Division of Social Systems and Human Resources, 11197
Summary of cotton fiber and processing test results, 11289
Summary of deposits in all commercial and mutual savings banks, 05354
Summary of differences between Senate version and House version of H.R.2 to provide for pension reform, 09735, 10591-2
Summary of emergency power statutes, 01046
Summary of Federal ADP activities, 06068
Summary of equity security transactions and ownership of directors, officers, and principal stockholders of member stockholders of member State banks, 02630
Summary of ground-water data, post headquarters and adjacent areas, WHite Sands Missile Range, N. Mex., 01270
Summary of H.R. 4200, Retirement income security for employees act, as passed by Senate, 09206
Summary of legislative activities of Senate Committee on Labor and Public Welfare, 09952
Summary of major achievements, 08445
Summary of major legislative action of Committee on Education and Labor, 93d Congress, 1st session, 10694
Summary of major provisions in Federal milk marketing orders, 05915
Summary of major provisions of conference agreement on Energy emergency act (S. 2589), 08414-5
Summary of major provisions of Standby energy emergency authorities act (H.R.131834), 08416
Summary of meteorological observations, 11707, 11710
Summary of mining and petroleum laws of the world, 08692, 09457
Summary of mortgage insurance operations and contract authority, 02631
Summary of observations and recommendations on United States Postal Service activities during 1st session of 93d Congress, 09854
Summary of passport statistics, 02632
Summary of presentation to Lake Erie Technical Committee, 07818
Summary of proceedings of workshop on expansive clays and shales in highway design and construction, 06610

Summary of propeller design procedures and data, 07179
Summary of propeller design procedures and data, 07180
Summary of proposals for private pension plan reform, 00215
Summary of provisions of acts extending Temporary debt ceiling and renegotiation act, 00216
Summary of selected legislation relating to handicapped, 00446
Summary of small business financing by SBICs, 10406
Summary of snow survey measurements for Oregon, 08844
Summary of special censuses, 06090
Summary of supplemental type certificates, 02633
Summary of synoptic meteorological observations, 11706, 11708-9, 11711-2
Summary of synoptic meteorological observations, western European coastal marine areas, 08175
Summary of technical problems associated with broadband cable teleservices development, 00807
Summary of testimony on Federal Financing Bank, 00955
Summary of testimony on proposals for private pension plan reform, 09129
Summary of testimony on proposed emergency windfall profits tax, 09863
Summary of turbulence data from rivers, conveyance channels, and laboratory flumes, 06706
Summary of watershed conditions affecting water supply of lower Colorado River, 02634
Summary of white pine blister rust research in Lake States, 07825
Summary of 5th Czechoslovak 5-year plan, 1971-75, 07641
Summary records of test and supply wells in range areas, White Sands Missile Range, N. Mex., 01271
Summary report on quality of interstate waters, Grand River, N. Dak., S. Dak., 09595
Summary report on quality of interstate waters, James River, North Dakota, South Dakota, 11747
Summary report, pilot plant studies on dewatering primary digested sludge, 01164
Summary tape processing centers, 02882
Summer and fall wildflowers of Land Between the Lakes, 03804
Summer fallowing improves survival and growth of cottonwood on old fields, 00400
Summer jobs in Federal agencies, 03968
Superconcentration of commercial magnetic taconite concentrates by cationic flotation, 11055
Superconducting devices and materials, 02635
Superconducting ELF magnetic field sensors for submarine communications, 11705
Supergrade authorization, 06324
Superior Court and Public Service Commission nominations, 04196
Supersonic kernel-function flutter analysis of thin lifting surfaces computer program, 10217
Supervisor's manual, supervisory procedures for creation of geographic base (DIME) file, 089484
Supplement 7, tariff schedules of United States, annoted (1972), 03795
Supplement, 1972, of statutes and court decisions, 03380
Supplemental appropriation bill, 1974, 05052, 06271
Supplemental appropriation for flood control, Mississippi River, 09872
Supplemental appropriations act, 1974, 06198
Supplemental appropriations bill, 1974, 03097, 05100, 08449
Supplemental appropriations, fiscal year 1974, 06366-7
Supplemental authorization for Foreign Serivce buildings, 09161
Supplemental authorization of appropriations for Atomic Energy Commission, fiscal year, 1974, 03071, 03210
Supplemental authorization of appropriations for Department of State for fiscal year 1974, 09887, 10621
Supplemental authorizations for Department of State, 08392
Supplemental budget request for Senate, 09874
Supplemental budget requests for legislative branch, 09871
Supplemental expenditures Committee on Government Operations, 03131
Supplemental Maritime authorization, 1974, 09771
Supplemental security income for aged, comparison of 5 countries, 05795
Supplemental studies for National Commission on State Workmen's Compensation Laws, 04654
Supplemental Veterans Administration appropriations for 1974, 09050
Supply and service company, supply and transport battalion, 00737
Supply operations manual, 00254
Supporting assistance loan, 05840
Suppression of coal-dust explosions by passive water barriers in single-entry mine, 08705
Supreme Court journal, 02637
Supreme Court of United States, 01585
Surface and bottom magnetic survey in area of Bermuda rise, 10358
Surface and internal waves, 04541
Surface fracturing of Carpetbag event, Yucca Flat, Nevada test site, Nevada, 04483
Surface mining control and reclamation act of 1974, 10673
Surface mining reclamation act, 03160
Surface water supply of United States, 00444-5, 01284
Surveillance and Analysis Division SA/TSB series, 10866-76
Surveillance and Analysis Division technical report, 10003-7
Survey of activities, Committee on Foreign Affairs, House, 09834
Survey of current business, 02638
Survey of facilities using land application of wastewater, 08268
Survey of field laboratories of Bureau of Reclamation, 03726
Survey of income of civil service annuitants, 00156
Survey of interstate pollution of Bear River and tributaries, Idaho-Utah, 11748
Survey of noncarbonated fruit juices and fruit-flavored beverages, 04848
Survey of origin of exports of manufacturing establishments in 1971, 06081
Survey of present state-of-the-art in learning center operations, 09677
Survey of technical requirements for broadband cable teleservices, 00807-9, 02894, 03985-6, 04972

Survey of USAEC program in controlled thermonuclear research, 04898
Survey of use and performance of ultrasonic therapy equipment in Pinellas County, Fla., 01538
Survey of water resources of St. Thomas, V.I., 04484
Survival, newsletter, 02639
Surviving spouse civil service retirement annuities without reduction in principal annuities, 11381
Susceptibility of X-band point-contact diodes to microwave radiation, 04706
Susceptibility to anxiety and shift difficulty as determinants of state anxiety in air traffic controllers, 07250
Suspension of duties on certain forms of metal scrap, 03143
Suspension of duty on caprolactam monomer in water solution, 03144
Suspension of duty on manganese ore, 03145
Suspension of Public Law barter program for tobacco, 04081
Sustained-load cracking of titanium, survey of 6Al-4V alloys, 08169
Sweden, 00475
Sweden [colored map], 02887
Sweet cherries, production, marketing and processing, 05930
Sweetgum, American wood, 05389
Swimming hydrodynamics of fish, USSR study, 09405
Switchgear, switchboard apparatus, relays, and industrial controls, 00068
Symbionese Liberation Army, 08404
Symbolic algebraic languages, 04704
Symposium on materials performance in operating nuclear systems, 00749
Synchronous satellite time delay computer, 01420
Synergist, 02640
Synopsis of families and genera of crayfishes (Crustacea, Decapoda), 08836
Synthesis of new class of decoders for cyclic codes, 11019
Synthetic organic chemicals, 05874
Synthetic organic chemicals, United States production and sales, 00702, 03796-7
Synthetic organic chemicals, United States production and sales of crude products from petroleum and natural gas for chemical conversion, 09631
Synthetic organic chemicals, United States production and sales of cyclic intermediates, 10465
Synthetic organic chemicals, United States production and sales of dyes, 09632
Synthetic organic chemicals, United States production and sales of elastometers, 09633
Synthetic organic chemicals, United States production and sales of flavor and perfume materials, 09634
Synthetic organic chemicals, United States production and sales of medicinal chemicals, 09635
Synthetic organic chemicals, United States production and sales of miscellaneous chemicals, 11794
Synthetic organic chemicals, United States production and sales of plastics and resin materials, 09636
Synthetic organic chemicals, United States production and sales of surface-active agents, 09637
Synthetic organic chemicals, United States production and sales of tar and tar crudes, 09638
Synthetic organic chemicals, United States production and sales series, 09631-8, 10465, 11794
Synthetic organic compounds, 05873
Synthetic organic dyes and pigments, workers of Linden, N.J., plant of GAF Corp., 05875
System control facilities, head-ends and central processors, 00809
System design and development, 00568
System interconnections, 03986
Systematic application of Duncan's multiple range test to biological data, 02803
Systematic determination of engineering criteria for rock, 09987
Systematic monograph of new world Ethmiid moths (Lepidoptera: Gelechioidea), 00630
Systematic study of focal ratios and effects of optical misalignment for LST, 11136
Systems analysis of solar energy programs, 10347
Systems simulation and solid waste planning, case study, 06589
Systems study of conventional combustion sources in iron and steel industry, 05331
Systems study of conventional combustion sources in primary aluminum industry, 05330

T

T 52 and T 55 gas turbine combustor and engine exhaust emission measurements, 10513
Tables and conversions for microclimatology, 08584
Tables of rate and photochemical data for modelling of stratosphere, 10265
Tables of redemption values for U.S. savings bonds, series A-E, 02641
Tables of redemption values for United States savings bonds, 03714, 05761
Tables on hatchery and flock participation in National poultry improvement plan highlights for testing year, 05918
Tabulation of population for purposes of apportionment of State legislative bodies, 07441
Tabulations of data compiled from survey of discharges from combined sewers and separate storm sewers at Detroit and and Ann Arbor, Mich., 11749
Tactical air power, 00199
Take to the stairs, 2 up-3 down, 09720
Talent and modeling agencies in southern California, 01229
Tamarack seedlings prosper on broadcast burns in Minnesota peatland, 04437
Tanker construction, 04134
Tar and nicotine content of cigarettes, 10547
Target rehabilitation, 01552
Tariff Commission notices of hearing, investigations,etc., 02642
Tariff Commission press releases, 02490
Tariff Commission public information releases, 02490
Tariff schedules of United States, annotated, 02643, 03794, 11793
Task analysis for job performance aids and related training, 05966
Task difficulty and task aptitude benchmark scales for administrative and general career fields, 05969
Task Force report on health manpower distribution project, 10100

Task Force report, commission investment strategy, 08892
Task 2, improved DVOR low level receiver maintenance simulation, 10454
Taste and odor problems in Grand Lake, Ohio, and Wabash River, Ind., 09321
Tax benefits for older Americans, 04520
Tax calendar and check list for 1974, 03457
Tax Court of United States reports, 02644
Tax guide for small business, 04521
Tax guide for U.S. citizens abroad, 11557
Tax guide for U.S. citizens employed in U.S. possessions, 07897
Tax information for American scholars in U.S. and abroad, 07898
Tax information for sponsors of contests and sporting events, 03458
Tax information for students and parents, 05479
Tax information for U.S. Government civilian employees stationed abroad, 03459
Tax information for visitors to United States, 04522
Tax information on accounting periods and methods, 05480
Tax information on deduction for bad debts, 06742
Tax information on depreciation, 05481
Tax information on disasters, casualty losses, and thefts, 05482
Tax information on educational expenses, 06743
Tax information on moving expenses, 05483
Tax information on mutual fund distributions, 05484
Tax information on partnership income and losses, 05485
Tax information on pensions and annuities, 03460
Tax information on repairs, replacements, and improvements, 03461
Tax information on U.S. civil service retirement and disability reirement, 03462
Tax information on United States savings bonds, 04523
Tax loss farming, 07651
Tax on bows and arrows, 09904
Tax treatment of members of Armed Forces and civilian employees who are prisoners of war or missing in action and certain other amendments added by committee, 05098
Tax treatment of pension plans, 09130
Tax treatment of recycling of solid waste, 10715
Tax treatment of survivor benefit plans of uniformed services, 03153
Tax withholding and declaration of estimated tax, 04524
Tax-sheltered annuity plans for employees of public schools and certain tax-exempt organizations, 03463
Taxability of insurance and bank holding company dividends, 06343
Taxability of insurance company dividends, 04070
Taxable income and nontaxable income, 06744
Teacher turnover in public schools, fall 1968 to fall 1969, 07668
Teacher's guide for environmental impact of electrical power generation, nuclear and fossil, 04896
Teaching materials for environmental education, 01243
Technical and economic evaluations of cooling systems blowdown control techniques, 06566
Technical appendix on municipal waste-source evaluations, water quality investigations in South Platte River basin, Colo., 10877
Technical assistance in tax administration, 08236
Technical assistance project, Fort Collins Wastewater Treatment Facility, Fort Collins, Colo., 10875
Technical assistance project, Greeley Wastewater Treatment Facility, Greeley, Colo., 10866
Technical assistance project, Trinidad Wastewater Treatment Facility, Trinidad, Colo., 10869
Technical assistance project, Upper Eagle Valley Sanitation District Wastewater Treatment Facility, Avon, Colo., 10876
Technical assistant GS-4, 00077
Technical considerations in efficient use of spectrum, 03988
Technical documentation for FIXDIME 2, 08952
Technical documentation for TOPOE DIT, 08953
Technical evaluation study of Consolidated Field Maintenance Facility at Fort Bragg, N.C., 06492
Technical evaluation study, solid waste generation and disposal, Red River Army Depot, Texarkana, Tex., 11459
Technical evaluation study, solid waste generation and disposal, Watervliet Arsenal, Watervliet, N.Y., 05307
Technical highlights of Metallurgy Division of Institute for Materials Research, 09518
Technical index of interactive information systems, 08760
Technical manual TM series, 03911-22, 04866-72, 06006-8, 07172-8, 09682, 10511-2
Technical options for energy conservation in buildings, 00562
Technical progress reviews, 02388
Technical report on anticipated transients without scram for water-cooled power reactors, 06063
Technical report on effects of plutonium utilization on performance of light water reactors, 08307
Technical studies, 01433
Technical suitability of products program, 05457
Technical terms and definitions used with law enforcement communications equipment, 05548
Technician personnel pamphlet, 03660, 11682
Technique for calculating overall efficiencies of particulate control devices, 04384
Technique for predicting high-frequency stability characteristics of gaseous-propellant combustors, 06877
Technique to improve fuel extraction for coal seams intersected by oil and gas wells, 06832
Techniques for calling sapsuckers and finding their nesting territories, 08597
Technologic and related trends in mineral industries, 11045
Technologic trends in mineral industries (metals and nonmetals except fuels), 11627
Technological forecasting, case study of long-term requirements for rigid airfield pavement systems, 01109
Technological innovation in education, 08794
Technology assessment and forecast, early warning report of Office of Technology Assessment and Forecast, 06129
Technology balance, U.S.-U.S.S.R. advanced technology transfer, 11404
Technology development report, model 301 HLH/ATC cargo handling system coupling, 07197

504-800 O - 75 - 42

Technology of controlled thermonuclear fusion experiments and engineering aspects of fusion reactors, 11309
Technology of manufacturing hydroacoustic apparatus, 07924
Technology transfer, bridge between research and use, 02646
Technology transfer, issues and opportunities, 02895
Technology ulitization, 05612, 08717, 11651-2
Technology utilization in public sector, 10348
Technology utilization program of Small Business Administration, 05031
Tectonic geological studies of earth using space photographs, 06763
Teenagers, marriages, divorces, parenthood, and mortality, 00566
Telecommunications Office press releases, 02455
Telecommunications research in United States and selected foreign countries, 11198
Telemetering hydrographic tide gauge, 06987
Telephone density and telephone company area data, 04973
Telephone directory, Atomic Energy Commission, 03927
Telephone directory, Federal telecommunications system, 06067
Telephone directory, House of Representatives, 09012
Telephone directory, State Department, International Develpment Agency, Arms Control and Disarmament Agency, Overseas Private Investment Corporation, 07051, 08854
Telephone system construction contract, 09603
Temperature, salinity, and depth system, 08146
Temporary extension of certain housing and urban development laws, 03137
Temporary suspension of duty on certain carboxymethyl cellulose salts, 09792
Temporary suspension of duty on certain forms of zinc, 09037
Temporary suspension of duty on certain horses, 09783
Temporary suspension of duty on crude feathers and downs, 09791
Temporary suspension of duty on synthetic rutile, 09782
Ten-cent crossed flags stamp in sheet and coil form, 03817
Ten-cent Jefferson Memorial stamp in sheet, coil and booklet form, 03818
Ten-cent mineral heritage commemorative stamps, 10481
Ten-cent zip code stamp, 03822
Ten-cnet Liberty bell embossed envelope, 03819
Tennessee Valley Authority budget program, 10468
Tennessee Valley Authority technical note, 08255, 11796
Tennessee Valley perspective, 02647
Tensile behavior of boron/epoxy-reinforced 7075-T6 aluminum alloy at elevated temperatures, 09520
Tensile strength of ice under triaxial stresses, 07673
Tentative analytical methods for cadmium, chromium and cyanide in water, 11750
Tenth anniversary event, remarks on tenth anniversary of National Institute of General Medical Sciences, 08779
Terminal air traffic control handbook, 00730, 07161
Terminal-shock and restart control of Mach 2.5, axisymmetric, mixed-compression inlet with 40-percent internal contraction, 08049
Termination of loan of vessels, 05829
Terrestrial surface power flux density limits for services using satellites, 03988
Territorial seas, 04131
Territories areas administered by United States, 01316
Tertiary treatment with controlled ecological system, 07759
Test and evaluation of multi-media cadet career information and counseling center, 07147
Test of photographic method for determining cubic-foot volume of pulpwood, 06645
Test results report and technology development report, HLH/ATC drive system aft rotor shaft bearing test, 08290
Test-observation well near Paterson, Wash., description and preliminary results, 03415
Testimony by employees and production of records in legal proceedings, and service of legal process and pleadings, FAA regulations, 10889
Testimony of D. Gareth Porter, 05163
Testimony of William E. Simon, 10027
Testing satellite automatic nutation control system, 11134
Testing techniques for determining static mechanical properties of pneumatic tires, 11090
Tests and other applicant appraisal procedures, 01977
Tests and procedures for determining purity of tetrasodium ethylenediaminetetraacetate (EDTA), 11205
Tests in progress sheet, 02346
Tests of fuel assemblies under sodium in Na3 loop of CEN/SCK-Mol, 09691
Tests of urban meteorological-pollutant model using CO validation data in Los Angeles metropolitan area, 01156-7
Tests of Vega aircraft radar enhancing system (VARES), 11787
Texas landings, 02648, 05691
Text and description of working paper no. 1 of Resource conservation and energy recovery act, 10765
Text of address by C. Marshall Dann, 10369, 11714-5
Text of and description of working draft 1 of Energy labeling act, S. 1327, 09201
Text of International Labor Organization convention, 00853
Textile machinery parts, Herr Manufacturing Co. Inc., 11266
Textile machinery trade data, 10804
Textile test methods, 10050
Texts of various International Labor Organization conventions and recommendations concerning maritime matters, 04037
Theater of operations water supply, feasibility of manufacturing and using plastic pipe in theater of operations, 05308
Theoretical and development work on high-efficiency avalanche diode sources, 10455
Theoretical and experimental investigation of performance of fan-in-wing VTOL configuration, 08731
Theoretical and experimental investigation of cylindrical electrostatic probes of arbitrary incidence in flowing plasma, 09511
Theoretical and experimental studies on packing of solid particles, 08694
Theoretical methods for estimating moments of inertia of trees and boles, 08592
Theoretical principles of torpedoes, 07915

Theoretical studies of tone noise from fan rotor, 04611
Theory and construcation of multivariate Gaussian surfaces, 01501
Theory and practice of Communism, 04116-7, 07418, 08406
Theory of metamorphism of wet snow, 05297
There's brand new language, notes for broadcasters , 08222
Thermal characteristics of Lake Michigan, 01563
Thermal characteristics of shortite, 09474
Thermal conductivity of solids at room temperature and below, review and compilation of literature, 03638
Thermal cycle and efficiency of versatile power unit with magnetohydrodynamic generator and thermoelectric generator, 05531
Thermal radiation modeling for pollution predictions, 07748
Thermal-expansion method for lining tantalum alloy tubing with tungsten, 03609
Thermionic performance of variable-gap cesium diminiode with l0-single crystal tungsten emitter and polycrystalline-niobium collector, 11098
Thermochemistry of compounds of rare-earth and actinide elements, 08299
Thermodynamic analysis of axial-flow laser powered thruster, 09497
Thermodynamic and transport properties of air and its products of combustion with ASTM-A-1 fuel and natural gas at 20, 30, and 40 atmospheres, 05633
Thermodynamic properties of compressed gaseeous and liquid fluorine, 06916
Thermodynamic properties of UF6 at high temperatures, 08039
Thermodynamics of chemical species important to rocket technology, 08093-4
Thermophysical properties of nitrogen from fusion line to 3500 R (1944 K) for pressures to 150,000 PSIA (10342 x 10 to 5th power N/m2), 08100
Thermotransport in liquid aluminum-copper alloys, 01414
Thin-film hybrid microcircuit substrate metallization, 07219
Third annual report of operations under Airport and airway development act, 10895
Third annual report on financial condition and results of operation of airport and airway trust fund, 09018
Third annual report on Government services to Rural America, 07369
Third annual report on location of new Federal offices and other facilities., 07131
Third branch, bulletin of the Federal courts, 02649
Third national cancer survey, advanced 3 year report, 1969-71 incidence, 10275
Third post-dump survey of Chase-X disposal site, 09574
Third USC/FAR consolidated plan for foreign affairs research, fy-1974-75, 08158
Thirteen cent domestic airmail stamp in sheet, coil and booklet form, 03820
Thirteen-cent airmail embossed envelope, 03821
Thirteen-star flags, keys to identification, 05790
Thirtieth international Paris airshow, 09119
Thirty-fifth annual report of Foreign Trade Zones Board to Congress of United States, 07822
Thirty-five day, 60 foot air saturation dive with rats, effects on EEG and visually evoked cortical response, 07958
Thirty-ninth annual report of Securities and Exchange Commission, 09022, 09606
Thirty-three money-saving ways to conserve energy in your business, 04975
This is your prospectus and invitation to bid, Park North Village, 03424
Threatened wildlife of United States, 03757
Three maps of Indian country, 03437
Three Mile Island Nuclear Station, unit 1, Metropolitan Edison Company, 02853
Three-bedroom frame house, 10496
Three-dimensional laser Doppler velocimeter turbulence measurements in pipe flow, 08714
Three-State Delmarva district works to create jobs, preserve culture, 10805
Through atmospheres of planets, 05529
Thrust performance of isolated plug nozles, with 2 types of 40 spoke noise suppressors, 08044
TIAS series, 00675-97, 01567-81, 02687, 03771-85, 04747-9, 05826-56, 07052-61, 08235-8, 09623
TICUS 1, MARK 2, operation and maintenance manual, 06971
Tidal current tables, 1974, Pacific Coast of North America and Asia, 01475
Tide tables, high and low water predictions, 00588, 05698
Timber measurement and management planning in Northwest, 11532
Timber, renewable material, 05657
Time and frequency broadcast experiments from ATS-3 satellite, 06918
Time for holding Federal Elections, 00192
Time for responsilility, 09979
Time-fixed rendezvous by impulse factoring with intermediate timing constraint, 11669
Time-interval collecting device for insect traps, 02808
Timpanogos Cave National Monument, Utah, 11696
Tin, 05596
Tips, Army personnel magazine, 02651
Tires, comparison of tire reserve loan for 1974 passenger cars, 08118
Titanium ingot, mill products, and castings, 11318
Title listing of civilian power reactor docket literature in nuclear science abstracts, 04889
Title 26, Code of Federal regulations, 02838
Title 8 field operations handbook, 10111
To amend act entitled Act to incorporate American Hospital or Paris, 09006
To amend law authorizing President to extend certain privileges to representatives of member states on Council of Organization of American States, 06150
To amend Micronesian claims act of 1971, 01033
To amend section 101(b) of Micronesian claims act of 1971 to enlarge class of persons to reveive benefits under claims program established by that act, 02951
To amend wild and scenic rivers act, 04229, 10777
To amend Wilderness act of 1964, 07536
To authorize change in composition of one-cent coin, 10690
To clarify circumstances underwhich exclusive-territorial provisions in licenses to manufacture, distribute, and sell trademarked soft drink products are lawful under antitrust laws, 00190
To conserve energy on national system of interstate and defense highways, 05082
To consider 4 pending building prospectuses, 08509
To create National Credit Union Bank, 00923

To establish Consumer Protection Agency, 07413
To establish Nantucket Sound Islands Trust, 08495
To establish National Center on Child Abuse and Neglect, 06291
To expand and make permanent Youth Conservation Corps, 04230
To extend life of June 5,1972, grand jury of United States District Court for District of Columbia, 04993
To facilitate incorporation of townsite of Page, Ariz., as municipality, 07416
To grant alien child adopted by unmarried U.S. citizen same immigrant status as alien child adopted by U.S. citizen and his spouse, 02989
To guarantee affected States equal voice in construction of deepwater ports, 08427
To increase size of Executive Protective Service, 09111
To insure that certain buildings financed with Federal funds utilize best practicable technology for conservation and use of energy, 08432
To investigate adequacy and effectiveness of Federal disaster relief assistance, 00240
To investigate adequacy and effectiveness of Federal disaster relief legislation, 01051, 04254, 10790
To print as House document House committee print on impeachment, selected materials, 03090
To print as House document, Constitution of United States, 03040
To provide for printing of House documents, revised edition of House document Our American Government, 02971
To provide full deposit insurance for public units and to increase deposit insurance, 06285
To provide funds for Committee on Judiciary, 03049
To provide immunity for Government Printing Office, Public Printer, and other officers and employees of Government Printing Office, 03175
To reduce compensation of Office of Attorney General, 05164
To reprint and print corrected report of Commission on Bankruptcy Laws of United States, 03044
To restore harmony, new efforts in transatlantic cooperation, 09074
To restrict travel of U.S. citizens to countries in armed conflict with United States, 01035
To save the children, nutritional intervention through supplemental feeding, 06406
Tobacco situation, 02653
Tobacco stocks, 02654
Tobacco tax guide, 02655
Tobacco, census of agriculture special reports, 04904
Tolerance limits for Maxwell distribution with emphasis on SEP, 05747
Tolerance limits for Rayleigh (radial normal) distribution with emphasis on CEP, 05746
Toluence, 08122
Toluene diisocyanate, 08123
Topical studies, 06072
Topics of reports of 3d all-union seminar on statistical hydroacoustics, 09415
Tornado preparedness planning, 09573
Totally implanted artificial heart, 04660
Tourism and energy crisis, 10901
Toward a metric America, 03637
Toward better tomorrow with aeronautical and space technology, 00193
Toward cleaner aquatic environment, 01191
Toward cleaner water, new permit program to control water pollution, 08555
Toward declaration of rights and obligations of older Americans, 10489
Toward fair employment and EEOC, study of compliance procedures under title of Civil rights act of 1964, 03327
Toward national center for Geological Survey, 00439
Toward national growth policy, Federal and State developments in 1972, 00180
Toward quality education for Mexican Americans, 08321
Toward RADSCAT measurements of winds over sea and their interpretation, 03592
Town sanitary districts in Wisconsin, 09652
Toxaphene status report, 10878
Toxic fumes from explosives, ammonmiun nitrate-fuel oil mixtures, 11062
Toxic materials analysis of street surface contaminants, 00345
Toxic substance list, 00574
Toxicity bibliography, 02656
Toxicity of mixtures of quinaldine sulfate and MS-222 to fish, 05812
Toxicity of quinaldine sulfate to fish, 05810
Trace element equilibrium studies, 08811
Trace metal water pollutants determined by X-ray fluorescence, 08173
Tracking station, 00688
Trade barriers, 11267
Trade data, 10803-4
Trade in cotton textiles, 01567, 03777, 05834-5, 05851, 07054-5, 07059, 07061
Trade in wool and man-made fiber textile products, 01574, 04749, 05826, 07053
Trade preferences, Latin America and Caribbean, 09075
Trade reform, 00117
Trade reform act of 1973, 10768
Trademark examining procedure directive, 02657
Trademark rules of practice, 04715
Trading and investing in Romania, 05267
Trading in Poland, 04329
Trading post system on Navajo reservation, 10056
Trading with U.S.S.R., 07640
Traffic assignment, methods, applications, products, 08564, 10030
Traffic control for school areas, 09301
Traffic control studies, 03907
Traffic controls for street and highway construction and maintenance operations, 09302
Traffic laws commentary, 01450
Traffic report of St. Lawrence Seaway, 10403
Traffic safety, '72, 05671
Trafficability of soils, 10816
Training courses in conservation/restoration, 04771
Training for Federal quality control review, 04731
Training needs in gerontology, 04183-4
Training opportunities in field of narcotic addiction and drug abuse, 01462
Training report requirements, 03212
Training support developments, 02659
Training, administrative instructions, 10282
Transcript of conference on interstate pollution of Animas River, Colo., N. Mex., 11752-3
Transcript of conference(2d sess.),pollution of interstate waters of Potomac River in Washington Metropolitan area, 11751
Transfer of radiation in spectral lines, 09516
Transfer of trust funds to Republic of Philippines, 03219

 Do not order from index; see indicated entry

Transferring functions of Clerk of United States District Court for District of Canal Zone with respect to issuance and recording of marriage licenses, 09888
Transit authority's system of reporting on status of METRO's costs and construction progress needs to be improved, GAO report, 10938
Transition, magazine for Action volunteers, 02660
Translations from Kommunist, 02661
Translations from Philosphical Sciences, 00511
Translations from Priroda, 00510
Translations of papers presented at third panel on peaceful uses of nuclear explosions, 10525
Translations on Africa, 02662
Translations on biological effects of magnetic fields, 10996
Translations on Eastern Europe: economic and industrial affairs, 02663
Translations on Eastern Europe: political, sociological, and military affairs, 02664
Translations on Eastern Europe: scientific affairs, 02665
Translations on Latin America, 02666
Translations on law of the sea, 09400, 09404, 09406, 09414, 10991, 11014, 11020, 11567
Translations on Mongolia, 02667
Translations on narcotics and dangerous drugs, 02668
Translations on Near East, 02669
Translations on North Korea, 02670
Translations on North Vietnam, 02671
Translations on People's Republic of China, 02672
Translations on South and East Asia, 02673
Translations on USSR agriculture, 02674
Translations on USSR economic affairs, 02675
Translations on USSR industrial affairs, 02676
Translations on USSR military affairs, 02677
Translations on USSR political and sociological affairs., 02678
Translations on USSR resources, 02679
Translations on USSR trade and services, 02680
Translations on Western Europe, 02681
Translog, 02682
Transmission consisting of rolled wire worm and spiral evolute gear, 08654
Transmission of information under water, 08648
Transmission study for turbine and Rankine cycle engines, 03884
Transmission thermal mapping (CH-47C forward motor transmission), 00744
Transmission thermal mapping, UH-1 main rotor transmission, 08293
Transmittal of documents from National Security Council to Chairman of Joint Chiefs of Staff, 05117-8, 10756
Transonic single-mode flutter and buffet of low aspect ration wing having subsonic airfoil shape, 08052
Transport analysis of measured neutron leakage spectra from spheres as tests of evaluated high-energy cross sections, 05632
Transport economics, 02683
Transport statistics in United States, 03488, 07904
Transportation and new energy policies, 08510, 10791
Transportation and travel, MTMTS port handling billing notes, 03908
Transportation controls under Clean air act, 00146
Transportation Department and related agencies for 1975, 09806
Transportation Department press releases, 02491
Transportation improvement act, Surface transportation act, and freight car legislation, 10706
Transportation in rural America, 09184
Transportation innovations in new communities abroad, 06724
Transportation of hazardous materials by air, 00936
Transportation of mail, hearings before Subcommittee on Postal Service, 93d Congress, 1st session, Sept.12-Oct.16,1973., 05080
Transportation of people in rural areas, 09185
Transportation planning and priorities for seventies, 10794-5
Transportation planning data for urbanized areas based on 1970 census, summary, 03339
Transportation revenue and traffic of large pipeline companies, 03490
Transportation statistics in United States, pipe lines, 10150
Transportation Systems Center, special briefing, proceedings, 11273
Transportation topics for consumers, 02684
Transportation, weekly Government abstracts, 02779
Trapping of hydrogen atoms in X-irradiated salts at room temperature and the decay kinetics, 08056
Travel agents registration, 03188
Travel patterns of foreign visitor arrivals, 07091
Treasury and Federal reserve foreign exchange operations, 01225, 06632, 10920
Treasury bulletin, 02685
Treasury decisions under customs and other law, 11797
Treasury Department news, 02492
Treasury Department press releases, 02492
Treasury telephone directory, 02686
Treasury, Postal Service, and general Government appropriations, 09139, 09816, 10684-5
Treasury, Postal Service, appropriations, 1974, 03035
Treaties and other international acts series, 00665-97, 01567-81, 02687, 03771-85, 04747-9, 05826-56, 07052-61, 08235-8, 09623, 10441-3
Treaties and other international agreements of United States, 01582, 11782
Treaties on extradition with Denmark, 08447
Treatment of domestic wastewater and NSSC pulp and paper mill wastes, 09282
Treatment of hazardous material spills with floating mass transfer media, 06571
Treatment of Israeli POW's in Syria and their states under Geneva convention, 09076
Treatment of political prisoners in South Vietnam by Government of Republic of South Vietnam, 03109
Treatment of sulfite evaporator condensates for recovery of volatile components, 09997
Treaty on extradition with Denmark, 06317
Treaty on extradition with Paraguay, 00184
Tree planters' notes, 02688
Trees for polluted air, 04786
Trends in science and technology and their implications for engineering education, 02896
Trends in world food supply and demand balance, 07656
Trends in world grain production, 03386
Trends, composition and determinants of U.S. direct investment in Canada, 10065
Triangulation of multistation camera data to locate curved line in space, 11131
Trichloroethylene, 08124
Trinidad Wastewater Treatment Facility, Trinidad, Colo, 10869
Tritium control technology, 06062

Truck inventory and use survey, 04914, 10535
Truck noise, 07084
Truth in energy and car pooling, 05125
Truth in lending, amendments to Truth in lending act and amendments and interpretations of regulation Z, 10049
Truth-in-housing act, 09915
Tuberculosis, 08129
Tuberculosis program reports, 07291
Tuberculosis statistics, States and cities, 06099
Tuesday spot market price indexes and prices, 02689
Tule Elk Refuge, 08424
Tunneling machine research, development of an experimental full-scale research rock cutting device, 05597
Turbine engine fuel control reliability and maintainability analysis, 04879
Turbulent era, year of Europe in retrospect, Florence, 09077
Turbulent flow in flexible pipes and ramjet engines, 04540
Turkey Creek and Joplin Creek, floods in vicinity of Joplin, Mo., 11472
Turkeys, 01584, 09626
Turkeys, intentions to raise turkeys, 07066
Turn off machines when not in use, 09721
Turn off unnecessary lights, 09722
Tuskegee Institute National Historical Park, 06337
TVA fertilizer bulk blending conference, 05879
TVA pollution control facilities, 08437
Twelve flags of American Revolution, 11034
Twelve hundred to thirteen hundred MHz 100-watt transistor power amplifier, 10363
Twelve-cent international surface mail postal card, 05892
Twenty-fifth anniversary, National Heart and Lung Institute, 01440
Twenty-fifth annual symposium on pulmonary diseases, 11306
Twenty-five years ago they would have given us some dumb reason for not smoking, 08958
Twenty-seventh annual conference report on cotton insect research and control, 11292
Twenty-six-cent Mount Rushmore international airmail stamp, 05897
Twenty-third annual report of activities of Joint Committee on Defense Production, 09884-5
Two hundred MGD activated sludge plant removes phosphorus by pickle liquor, 05328
Two roads, 05505-6
Two-bedroom apartment over garage, 08278
Two-cell chamber for measuring gas exchange in tree seedling, 06652
Two-dimensional analysis of heat and mass transfer in porous media using strongly implicit prodedure, 08080
Two-dimensional cold-air cascade study of film-cooled turbine stator blade, 11106
Two-dimensional theoretical model for stratospheric ozone density distributions in meridional plane, 06977
Two-stage turbine performance as affected by variable stator area, 11663
Type A topics., 02691
Type approval actions, report, 01953
Type of membership classification for Federal credit unions, 10280
Types of maps published by Government agencies, 10950
Typical electric bills, 08567, 10032

U

U.S. actions needed to cope with commodity shortages, 10084
U.S. agricultural developments and policies and world food situation, 05958
U.S. agricultural outlook, 1974, 05109
U.S. and U.N., urgent need for increased U.S. commitment, 01029
U.S. and world fertilizer outlook, 07465
U.S. and world food security, 08469
U.S. and world food situation, 06361
U.S. Army Audit Agency pamphlet, 11302
U.S. Army formal schools catalog , 07171
U.S. army helicopter hydraulic servocylinder reliability and maintainability investigation, 00039
U.S. Army helicopter rod end bearing reliability and maintainability investigation, 00745
U.S. Army Special Forces, 1961-71, Vietnam studies, 04880
U.S. assistance to Dominican Republic, 07402
U.S. assistance to Khmer Republic (Cambodia), 01249
U.S. business involvement in Southern Africa,
U.S. cancer mortality by county, 1950-69, 11169
U.S. Capitol Historical Society study, 03099, 06338
U.S. Capitol Historical Society wall calendars for use by Senate, 10738
U.S. chemical warfare policy, 10700
U.S. commodity exports and imports as related to output, 08317
U.S. consumption of footwear, except rubber, 11449
U.S. contribution to IDA, 09213
U.S. Court of Claims reports, with index, v.201, 06410
U.S. Department of State indexes of living costs abroad and living quarters allowances, 02692
U.S. deports imports that pollute (poster), 06595
U.S. diplomatic relations with Sweden, 05062
U.S. energy supplies and uses, 05372
U.S. food fat consumption trends, 11454
U.S. forces in Europe, 06386
U.S. forces in NATO, 06300
U.S. foreign policy for 1970's, 00133
U.S. foreign policy in year of transition, 00930
U.S. foreign trade, 00778-9, 02693-703
U.S. foreign trade by quarters, 01080, 06460
U.S. foreign trade statistics, classifications and cross-classifications, 02704
U.S. foreign trade Schedule C, classification of country destinations, 03955
U.S. General Accounting Office, Comptroller General of United States, purposes, functions, services, 10939
U.S. Government security yields and prices, 02706
U.S. industrial outlook, 1974, with projections, 00814
U.S. Information Agency appropriations authorization act of 1973, 03216
U.S. international telecommunication rate history, 07332
U.S. international trade of communication and selected electronic products, 00815
U.S. metrication, background and prognosis, 00085
U.S. military commitments to Europe, 09822
U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn. 03556-7, 04579, 06823-9, 07957-64, 08691, 09456, 10176, 11039-40
U.S. Navy medicine, 02707

U.S. Navy uniform regulations, 00601
U.S. oceans policy, 01030
U.S. participation in ADE and IDA, 07502
U.S. peach industry, interregional competitive model for canned peaches, 07106
U.S. policy toward Cuba, 08486
U.S. policy toward Panama, 1903-present, questions of recognition and diplomatic relations and instances of intervention, 11251
U.S. positions stated at 28th U. N. General Assembly, 10439
U.S. POW's and MIA's in Southeast Asia, 07503
U.S. production of fish fillets and steaks, 06968, 10310
U.S. savings bonds, series E, redemption values by denomination, June 1974, 10375
U.S. scientists abroad, examination of major programs for nongovernmental scientific exchange, 09073
U.S. solar energy research program, 10349
U.S. trade status with Socialist countries, 06467-8
U.S. trade, Puerto Rico and U.S. possessions, 02696
U.S. Zinc industry, historical perspective, 08695
U.S. U.S.S.R. technology licensing prospects, 00812
U-tube aeration, 06567
Ubiquitous semiconductors, 06777
UCLA health sciences computing facility, 08138
UH-1D filament-wound tubular-reinforced rotor blade, 07184
Ultrasonic imaging of cylinddrical explosive loads, 05736
Ultrasonic signal enhancement by resonator techniques, 08057
Ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame, 11259
Undergraduates enrollment in 2-year and 4-year colleges, 06083
Understanding taxes (farm edition), 04525
Understanding taxes (student edition), 04526
Understanding taxes program, 05486
Underwriting significance of hypertension for life insurance industry, 06941
Underwriting-technical direction for home mortgage insurance handbook, 10116
Undulatory conveyor tests and evaluation, 09469
Une comparaison entre les totaux de population selon des recensements effectues aux environs de 1970 et des estimations de population pour des pays selectionnes, 10544
Unemployment among agricultural workers in Hawaii, 09064
Unemployment benefits for railroad employees, 00616
Unemployment insurance benefits extended again, 00637
Unemployment insurance benefits extended for 3 months, 08843
Unemployment insurance claims, 02708
Unemployment insurance statistics, 02709
Unemployment insurance, State laws and experience, 05890
Unharvested fishes in U.S. commercial fishery of western Lake Eric in 1969, 06986
Unified computer system of Socialist countries, 05507
Uniform alcoholism and intoxication treatment act, 09953
Uniform crime reporting handbook, 02710, 05347
Uniform hospital discharge data, 04492
Uniform system of accounts and reports for certified air carriers, 02711
Uniform system of accounts for class 1 and class 2 common and contract motor carriers of property, 04539
Uniform system of accounts prescribed for natural gas companies (class A,B.C and D), 02712
Uniform system of accounts prescribed for public utilities and licenses (class A,B,C and D), 02713
Uniform time act of 1966 and other related acts, 09087
Union Pacific Railroad, Denver, Colo., 11224
Union wages and hours, 08682
Union wages and hours, local truckdrivers and helpers, July 1, 1972, 06806
United Nations environment program, 03086, 03231
United Nations, achievements and problems, 07049
United Nations, expendable or indispensable?, 07404
United Nations peacekeeping in Middle East, 07403
United Stated Department of Labor, 11579
United States Air Force Academy catalog, 11298
United States Air Force medical service digest, 02714
United States Air Force occupational research project, 07138
United States Air Force training line simulator, 07152
United States Air Force, guide to documentary sources, 05978
United States and Canada, facing energy crisis, 11776
United States and Japan, 15th Air Force Academy Assembly, proceedings, 05963
United States and Japan, Prime Minister Tanaka's Washington visit, July 31-Aug.1,1973, and Tokyo meeting of Joint U.S.-Japan Committee on Trade and Economic Affairs, July 16-17,1973, 07044
United states and multilateral development banks, 07405
United States Army Aviation digest, 02715
United States Army in World War II, 07966
United States Army installations and major activities in continental United States, 04858
United States budget in brief, 05567
United States Chiefs of Mission, 00664
United States civil aircraft register, 01196, 11504
United States coast pilot, 01476
United States Code, title 23, highways, 07445
United States contributions to international organizations, 05025
United States cotton quality report for grinnings, 02716
United States Customs Court reports, 06413
United States Department of Commerce news, 02455
United States Department of Commerce serving growing economy and growing people, 07338
United States Environmental Protection Agency, telephone directory, 04385
United States exports of aluminum, 08532
United States foreign trade annual, 08531
United States Geological Survey, 10951
United States Government flight information publication, 02717
United States Government manual, 01219
United States imports of aluminum, 07642
United States Information Agency appropriations authorization act, 02997
United States Information Agency appropriations authorization act of 1973, 03021

United States Information Agency authorization for fiscal year 1975, 09835
United States maps, GE series, 03956, 07287-9
United States marine fishery resources, MARMAP contribution, 11182
United States membership in International Center for Study of Preservation and Restoration of Cultural Property, 02797
United States of America Treasury notes of series A-1981, 08259
United States of America Treasury notes of series C-1977, 08258
United States of America Treasury notes of series H-1976, 08872
United States oil shortage and Arab-Israeli conflict, 06301
United States ports, on Lake Erie, 09275
United States Postal Service press releases, 02493
United States production and sales of plasticizers, 05873
United States production and sales of rubber-processing chemicals, 05874
United States programs in Ghana, 07844
United States property States property and fiscal officer ducties and responsibilities, 05662
United States reports, cases adjudged in Supreme Court, 05861-2, 11784
United States role in opening Suez Canal, 09836
United States savings bonds issued and redeemed, 02718
United States standards for grades of canned apricots and canned solid-pack apricots, 11290
United States standards for grades of canned grapefruit, 02800
United States standards for grades of canned leafy greens, 02801
United States standards for grades of canned red tart pitted cherries, 08879
United States standards for grades of frozen carrots, 09661
United States standards for sorghum, terms defined, 11291
United States statutes at large, 03358
United States tax guide for aliens, 03464
United States trade with major trading partners, 00288
United States trade with major world areas, 00286
United States Travel Service press releases, 02455
United States treaties and other international agreements, 03786, 07062, 07333
United States underwater fatality statistics, 1972, 08784
United States Youth Conservation Corps, 05470
United States-Indian exchange of scientists, 09567-8
United States-Japan cooperative science program, 10350
United States, Canada, IJC, International Joint Commission, 05820
University energy research centers, 04143
Upgrading metal-finishing facilities to reduce pollution, 08868
Upper Eagle Valley Sanitation District Wastewater Treatment Facility, Avon, Colo., 10876
Upper Great Lakes Regional Commission press releases, 02494
Upper South Platte unit, Mount Evans division, Pick-Sloan Missouri River program, Colo., special report, 05776
Urban air shed photochemical simulation model study, 05322-3, 09278-81
Urban family budgets updated to autumn 1972, 01361
Urban freeway and surveillance and control, state of the art, 03340
Urban institutions abroad, 10967
Urban intern program fact sheet, 10125
Urban mass transportation, 09034
Urban recreation, 08634
Urban renewal handbook, 02719, 05458-9, 06722
Urban technology, Weekly Government abstracts, 02780
Urban transportation, dilemmas at time of decision, 00158
Urgent supplemental appropriation for Veterans' Administration, 09891
Uruguay [colored map], 07298
US Army foreign area officer specialty, 11303
US-USSR chamber of commerce, 00675
USA statistics in brief, 02881
USA-USSR Joint Symposium on Congenital Heart Disease, proceedings, 08115
USA: economics, politics, ideology, 02720
USAAMRDL technical notes, 00743
USAAMRDL technical report, 02841, 00039, 00744-6, 04874-9, 04879, 06009-22, 07179-98, 07200-2, 08290-6, 08893-4, 09683-7, 10513-6, 11304-5
USDA (periodical), 02721
USDA data inventory, 07340
USDA-DHIA site summary list, 03838
Use of artificial earth satellites for measuring waves, 11012
Use of centrifugal measurements of wettability to predict oil recovery, 11064
Use of char to improve physical quality of coke from Sunnyside (Utah) coal, 07991
Use of chemicals and other materials to treat oil on water, 10879
Use of computers in CATV two-way communications systems, 02894
Use of concrete on farm, 03849
Use of Earth Resources Technology Satellites (ERTS-1) in coastal studies, 05294
Use of excess property, repairs and improvements to leased property, and contracting for alien personnel by U.S. Embassy, Vietiane, Laos, 10701
Use of Federal Aviation Administration communications system, 10020
Use of finite-difference arrays of observation wells to estimate evapotranspiration from ground water in Arkansas River Valley, Colo., 01283
Use of fluidic oscillator to measure fuel-air ratios of combustion gases, 11109
Use of illustrations of obligations & securities of United States & foreign governments, 01544
Use of inferred objectives with non-objectives based instructional materials, 07149
Use of magnetically encoded cards and digital transmission in land mobile services, 03987
Use of mathematical methods to predict epiphytotic disease, 06789
Use of maximum likelihood method under quantal responses for estimating parameters of normal distribution and its application to armor penetration problem, 05742
Use of method of variation of similarity constants in designing aircraft over long term, 07916
Use of multiple discrete wall jets for delaying boundary layer separation, 11087
Use of organization ombudsman in Federal Aviation Administration Western Region, 10474

Use of technical-economic methods in ship design, 01343
Use of Whatman-41 filters used in air quality sampling networks with applications to elemental analysis, 11133
Used furniture can be good buy, 03862
Used sewing machines, good buy, 03861
User charges and industrial cost recovery, Denver SMSA, 10880
User manual for LIFE 1, computer program, 09272
User procedures standardization for network access, 03646
User's guide for climatological dispersion model, 09995
User's guide to graphical CSSL, 04702
User's guide to NODC's data services, 07722
User's manual for COLMIS, collection management information system for solid waste management, 10861
USOE and library role, 07669
USSAMRDL technical reports, 00039, 00744-6, 04878
USSR Academy of Sciences' president recounts 1973 achievements, 07912
USSR and East Europe scientific abstracts: Biomedical sciences, 02722
USSR and East Europe scientific abstracts: Chemistry, 02723
USSR and East Europe scientific abstracts: Cybernetics, computers, and automation technology, 02724
USSR and East Europe scientific abstracts: Electronics and electrical engineering, 02725
USSR and East Europe scientific abstracts: Engineering and equipment, 02726
USSR and East Europe scientific abstracts: Materials science and metallurgy, 02727
USSR and East Europe scientific abstracts: Physics and mathematics, 02728
USSR State prizes for 1973, 05545
USTS colored poster series, 09650-1
Utah Multiple Use Advisory Board annual meeting, report of proceedings, 04571
Utility airports, air access to national transportation, 05344
Utility of several clinical tests of color defective vision in predicting daytime and nighttime performance with aviation signal light gun, 08902
Utility staffing and training for nuclear power, 04893
Utilization of mental health facilities, 1971, 05682
Utilization of phosphorus furnace slag in ceramic wall and floor title, 09468
Utilization of trickling filters for dual treatment of dry and wet weather flows, 06570

V

VA handbook H series, 09653
VA pamphlet, 05900-5, 07092, 08264, 09654, 10485, 11282
Vacuum chuck system and process for precision grinding of molded plastic parts, 07234
Validation of battery of performance tests for prediction of aerospace ground equipment course grades, 07143
Validation of two aircrew psychomotor tests, 08887
Validity of Armed Services vocational aptitude battery, form 1, to predict technical school success, 02829
Valuation of donated property, 06745
Value engineering, 00241
Value of new construction put in place, 01806
Value of product shipments, 03932
Value-added tax and alternative sources of Federal revenue, 03832
Variable-stress vehicle reliability model, 08539
Variables related to pre-service cannabis use in sample of Air Force enlistees, 09668
Variability of High Plains precipitation, 10324
Variation among shortleaf pines in Mississippi seed source planting, 05393
Veal calf production and marketing in Northeast, 06603
Vector and vector-borne disease problems associated with water and related land resources, 07294
Vector averaging current meter, 11186
VEE of horses, disease on the move, 00014
Vegetable situation, 02730
Vegetables, fresh market, acreage and estimated production of principal commercial crops., 02731
Vegetables, fresh market, 1972 annual summary, yield, production, [and] value, 05860
Vegetables, including tomatoes and melons, 07253
Vegetables, processing, 02732
Vegetation data collection in temperate forest research natural areas, 04443
Vegetation in relation to water depth in conservation area 3, Fla., 10952
Vehicle behavior in and around complex sources and related complex source characteristics, 07782-3, 08556-8
Vehicle misalignment prediction and vehicle/experiment pointing compatibility assessment, 11116
Vehicle/road compatability analysis and modification systems (VRCAMS), 06535, 07718
Vehicle use in Federal Government, 09187
Vela uniform program Sterling event, analysis of aquifer response for Sterling event, Tatum dome, Lamar County, Miss., 04892
Velocity lag of solid particles in oscillating gases and in gases passing through normal shock waves, 09503
Veneer recovery from old-growth coast Douglas fir, 07831
Venting characteristics of gaseous helium and nitrogen discharging into free stream at Mach numbers from 0.60-1.57, 10222
Venus and Mercury as planets, 11671
Venus and Mercury encounters, 11673
Verner Warren Clapp, memorial tribute, 05564
Verticillium wilt of cotton, 05920
Vessel entrances and clearances, 00778, 02699
Vestnik of USSR Academy of Medical Sciences., 02733
Vestnik of USSR Academy of Sciences., 02733
Veterans Administration activities, 02735
Veterans disability compensation and survivor benefits act of 1974, 11770
Veterans education newsletter, 02736
Veterans health care expansion act, 03129
Veterans' Administration analysis of findings and conclusions, presented in chap. 1 of 1973 report on educational assistance to veterans, 09125
Veterans' Administration Board of Veterans Appeals, 40th anniversary, 09969
Veterans' Administration flexible GI interest rate authority, 03146
Veterans' Administration study of national cemetery system, 06309
Veterans' benefits, 00245
Veterans' benefits, title 38, United States Code, 09124

Veterans' education and rehabilitation amendments of 1974, 10617
Veterans' pensions increased, 08212
Veterinarian trainee, 00802
Veterinary biological products, licensees, permittees, 03897
Vetoing H.R.7935, 06214
Vetoing House joint resolution 542, joint resolution concerning war powers of Congress and the President, 04039
VFM 75th anniversary commemorative postage stamp, 05898
Vibrationally excited hydrogen halides, bibliography on chemical kinetics of chemiexcitation and energy transfer processes , 10267
Victims of crime, 04127
Views of former Attorneys General, July 24,1973., 07565
Viral hemorrhagic septicemia (VHS), 03754
Viral hepatitis, 08130
Virginia landings, 02737
Virginia, land for living, 00654
Virginia, 1972 annual report, 00718
Visa requirements of foreign governments, 05857
Vision test validation study for health examination survey among youths, 06927
Visual characteristics of submarine school candidates, submariners and Navy divers, 11039
Vital and health statistics, 00565-6, 01430, 03652, 04649-50, 05651-2, 06927-32, 08108-11, 09529-30, 10277-8, 11170-1, 11680
Vital majority, small business in American economy, 05789
Vital statistics of United States, 03653, 08763
Vitamin, mineral, and diet supplements, 07427-8
Vivienda justa U.S.A., 03433
Vocational education, staff development priorities for the 70's, 04597-8
Vocational education, State instructional materials, 01097-7, 03313-5
Vocational rehabilitation, 04170
Vocational rehabilitation services, 07396, 09065
Vocational schools program, consumer education, 10925
Volume and composition of individuals saving, 02738
Voluntary-area wide affirmative marketing agreements, 04497, 08635
Voluntary agency and community mental health services, 08777
Voluntary product standard PS series, 06924-5, 08106, 09517, 09525, 10273
Voluntary tax methods to help finance political campaigns, 09373
Volunteers in action, Peace Corps, VISTA, 00710
Vortex modification by mass injection and by tip geometry variation, 06016
Vostri assegni di pensione della social security, 05799
Voter registration act, 09762
Voter registration act and related registration, 04108
Voting and registration in election of Nov.1972, 04925
Voting by U.S. citizens residing abroad, 05187
Voyageurs National Park, Minn., 04692
VUS-12-2 auxiliary amplifying stations, 07934

W

W series, 02783
W. Turner Wallis Pumping Station, 10651
Wage chronology, 00528, 06804, 11582-4
Wage chronology, International Paper Co., Southern Kraft Division, 00528
Wage-price controls and income policies, conference papers, 09439
Wage statistics of class I railroads in United States, 05502, 10982
Wage-replacement rates under OASDHI retirement provisions, 04733
Waiving certain points of order against H.R.14013, 09786
Waiving certain points of order against H.R.14434, 08372
Waiving points of order against bill H.R.11771, 09756
Waiving points of order against bill H.R.8947, 02969
Waiving points of order against certain provisions of bill H.R.9590, 00910
Waiving points of order against conference report on bill S.502, 02981
Waiving points of order against consideration of bill H.R.11459 and waiving points of order against unauthorized items of appropriation in said bill, 03079
Waiving points or order against bill H.R.8917 for failure to comply with provisions of , 02968
Wake vortex sensing, processing and display, 10456
Walk a Mile for Your Health Day, 11412
War claims act amendments, individual awards and civilian internee benefits, 07419
War claims, Vietnam conflict, American civilian interests, 03182
War on hunger, 02739
War on hunger, report from Agency for International Development, 02739
War powers, 03029
WASP, flexible FORTRAN IV computer code for calculating water and steam properties, 05623
Waste automotive lubricating oil as municipal incinerator fuel, 04374
Waste investigations for International Joint Commission, 11754
Waste lubricating oil research, investigations of several re-refining methods, 11068
Waste oil study, 00160
Waste treatment fund allocations, 09143
Waste water renovation, 11725
Wastewater treatment and reuse by land application, 01161
Watch out for lead paint poisoning, 11556
Water and sewage bond sales in Unites States, 11755
Water balance in Arctic and subarctic regions, annotated bibliography and preliminary assessment, 01103
Water carrier barge mixing rule legislation, 03230
Water from coastal plain aquifers in Washington, D.C., metropolitan area, 10943
Water in Saint John, U.S. Virgin Islands, 01272
Water levels and artesian pressures in Chad basin of northeastern Nigeria, 01273
Water operation and maintenance bulletin, 02740
Water pollution and quality management programs of States of Ala., Ga., Miss., and Tenn.,, 11756
Water pollution caused by operation of vessels, report, 09325
Water pollution control and waste water management, 11493
Water pollution control manpower development and training activities, 08515
Water quality and related studies, Jacksonville area, Fla., 11542

Water quality at Miami International Airport, Miami, Fla., 01274
Water quality data from Truckee and Carson Rivers, Pyramid Lake, and Lahontan Reservoir, working paper, 08559
Water quality in Middle Fork Feather River, Calif., 11543
Water quality in upper Colorado River basin and relation to reclamation projects, 08820
Water quality requirements of aquatic insects, 04358
Water quality standards conference, Iowa, 10059
Water quality standards summary, 10060-1
Water records of U.S. Virgin Islands, 01275
Water resources data, 00440-1, 01276-9
Water resources data for California, 07865, 10953-4
Water resources data for Georgia, 11544
Water resources data for Montana, 10955
Water resources data for New Mexico, 10956
Water resources data for New York, 10957
Water resources data for South Dakota, 11545
Water resources development, 06306
Water resources development act of 1973 and River basin monetary authorization act, 03028
Water resources development and River basin monetary authorization acts, 08450
Water resources development in Maryland, 11473
Water resources developments and navigational improvements in Alaska, 05181
Water resources investigations, 01280, 03415-6
Water resources of Big Sioux River valley near Sioux Falls, S. Dak., 03419
Water resources of Broward County, Fla., 00442
Water resources of city and borough of Juneau, Alaska, 01281
Water resources of Delmarva Peninsula, 03412
Water resources of Kenai-Soldotna area, Alaska, 05437
Water resources of Little River basin, Louisiana, 10958
Water resources of New Jersey part of Ramapo River basin, 03418
Water resources of Nisqually Indian Reservation, Wash., 03417
Water resources review, 02741
Water Resources Scientific Information Center WRSIC series, 10130-3
Water resources study, Pembina River basin, N. Dak., 11757
Water spectrum, 02742
Water strategy paper, 01192
Water supply for fire protection, 03913, 10512
Water supply outlook and Federal-State-private cooperative snow surveys for Oregon, 02748
Water supply outlook for Arizona, 02744
Water supply outlook for Idaho, 02745
Water supply outlook for Montana, 02746, 03752
Water supply outlook for Nevada, 02747, 03744
Water supply outlook for Utah, 02749
Water supply outlook for Washington, 02750
Water supply outlook for western United States, including Columbia River drainage in Canada, 02752
Water supply outlook for Wyoming, 02751
Water supply outlook, Federal-State-private-cooperative snow surveys, 11242
Water supply paper, 00443-5, 01282-4, 03418-20, 03420, 04485, 05438, 06708, 08618-20, 09345, 10090-2, 10958
Water supply summary and outlook for Oregon, 03753
Water supply, water treatment, 07175
Water supply, water-distribution systems, 03912, 07176
Water supply, water sources, 03911
Water systems automation, 04725
Water table depth and growth of young cottonwood, 06659
Water temperatures of California streams, central coastal subregion, 07866
Water temperatures of California streams, Sacramento Basin subregion, 07867
Water temperatures of California streams, Tulare Basin and San Joaquin subregions, 09346
Water use by native grasses in high altitude Colorado meadows, 08274
Water-table tests of proposed heat-transfer tunnels, for small turbine vanes, 11110
Waterborne exports and general imports, 00779, 02700
Waterborne wastes of paint and inorganic pigments industries, 10846
Watergate and related activities, 05176-80, 08505
Watergate investigation, 01050, 04250-3
Waterproof marine ventilation system for dry freight van containers, 05946
Watershed projects, 06268, 07446
Waterways and Experiment Station technical report, 06535
Waterways Experiment Station contract report, 01143, 07712, 09990
Waterways Experiment Station instruction report, 00317, 10815
Waterways Experiment Station miscellaneous papers, 00318, 06529-31, 07713-6
Waterways Experiment Station technical memorandum, 10816
Waterways Experiment Station technical report, 00319-21, 01144-5, 05311-3, 06532-5, 07717-8, 08539, 09991, 10817-9
Wave action and breakwater design, Hamlin Beach Harbor, N.Y., 00320
Wave loads in model of SL-7 containership running at oblique headings in regular waves, 11228
Wave spectrum and windspeed as descriptors of ocean surface, 07003
Ways for Department of Defense to reduce its administrative costs of awarding negotiated contracts, 05414
Ways of improving agrometeorological forecasting, 11005
Ways to improve U.S. foreign trade strategies, 04458
We have been wrong again, 05959
We want you to know about FDA, 05388
We want you to know about nutrition labels on food, 04422
We want you to know about preventing childhood poisonings, 05387
Weather forecasting, 05532
Weather modification, summary report, fiscal year 1972, 06989
Weekly abstracts: NASA earth resources survey program., 02753
Weekly coal report; prepared in Division of Fossil Fuels., 02753
Weekly compilation of Presidential documents, 02755
Weekly condition report of large commercial banks and domestic subsidiaries, 02756
Weekly cotton market review, 02757
Weekly Government abstracts, administration, 02759
Weekly Government abstracts, agriculture and food, 02760

Weekly Government abstracts, behavior & society, 02761
Weekly Government abstracts, biomedical technology & engineering, 02762
Weekly Government abstracts, building technology, 02763
Weekly Government abstracts, business & economics, 02764
Weekly Government abstracts, chemistry, 02765
Weekly Government abstracts, civil & structural engineering, 02766
Weekly Government abstracts, computers, control & information theory, 02767
Weekly Government abstracts, electrotechnology, 02768
Weekly Government abstracts, energy, 02769
Weekly Government abstracts, environmental pollution & control, 02770
Weekly Government abstracts, Government inventions for licensing, 02771
Weekly Government abstracts, industrial & mechancial engineering, 02772
Weekly Government abstracts, library & information sciences, 02773
Weekly Government abstracts, materials sciences, 02774
Weekly Government abstracts, medicine & biology, 02775
Weekly Government abstracts, ocean technology & engineering, 02777
Weekly Government abstracts, physics, 02778
Weekly Government abstracts, transportation, 02779
Weekly Government abstracts, urban technology, 02780
Weekly retail sales, 01840
Weekly runoff report, Pacific Northwest water resources, 02418
Weekly summary of banking and credit measures, 02782
Weekly summary of N.L.R.B. cases, 02783
Weekly summary of orders and regulations, 02784
Weekly weather & crop bulletin;, 02785
Weighting tree volume equations for young loblolly and shortleaf pine, 06657
Welfare and pension plan legislation, 08388
Welfare and pension plans disclosure act, as amended, 04562
West coast Continental Shelf bottom gravity measurements, Cape Flattery to Santa Cruz, NOAA ship McArthur, 10316
West coast high-speed ground transportation, 00206
West Virginia, ASCS 1972 annual report, 00715
Western Environmental Research Laboratory annual report, 10881
Western Regional Research Center list of publications and patents, 00006, 05925, 10492
Western white pine, American wood, 03393
Whales and dolphins, 08646-7
Whaling, International observer scheme, 00669
What about metric?, 03636
What are the facts about genetic disease?, 10292
What can U.S. Coast Guard Auxiliary do for you?, 04963
What is general revenue sharing?, 03813
What is mongolism?, 06951
What professionals should know about social security disability program, 01552
What professionals who work with disabled people should know about social security disability program, 01552
What should be role of Federal Government in extending public assistance to all American living in poverty, 00179
What you and your community can do about VD, 06100
What you can do about bovine mastitis, 04776
What's happening on meat scene, 07132
What's new on smoking in print and on film, 04653
What's right with America, 03877
Wheat and milled wheat products, 08867
Wheat and milled wheat products, Tariff Commission report, 07080
Wheat situation, 02786
When you return to storm damaged home, 04498
Where can I go for information on brain and nervous system?, 04671
White House, 05712
White House Conference on Industrial World Ahead news, 02495
White House Conference on Industrial World Ahead press releases, 02495
White House Conference on Library and Information Services in 1976, 03237, 06292
White House surveillance activities; May-June 1974, 09097
Who owns America's land, problems in preserving rural landscape, 07657
Wholesale data sources for market analysis, 03306
Wholesale price index, 02787
Wholesale prices and price indexes, 02788
Wholesaling, 08833
Wicking of liquids in screens, 10257
Wife's earnings as source of family income, 11768
Wild and scenic rivers, 03697
Wild and scenic rivers act amendments, 04110
Wilderness ecology, upland plant communities, woody browse production and small mammals of 2 adjacent 33-year old wildfire areas of northeastern Minnesota, 08583
Wilderness recommendation, 05713
Wildfire statistics, 1972, errata sheet., 03403
Wildland shrubs, their biology and utilization, 03395
Wildlife review, 02789
Will train meet grain? picture story, 05951
Willkommen in Washington., 03678
WIN/PSE, creating jobs in public service, 04574
Wind-tunnel roll-damping measurements of winged space shuttle configurations in launch attitude, 06875
Windfall or excess profits tax, 07457
Wing of arbitrary aspect ratio near barrier, 09399
Winter anomalous radio wave absorption days at 32°N latitude and prevalent solar radiation, 04827
Winter USA, staying warm and saving money, 06470
Winter wheat, 03512
Wiping out exotic Newcastle disease, 00019
Witchcraft and medicine, 1484-1793, 11175
With exceptions, 91st Congress, 1st session, Senate miscellaneous reports on Public bills II, 00087
Withholding Federal employees' taxes under city ordinances, 08425
Withholding taxes from your employee's wages, 04527
Wolf numbers in Superior National Forest of Minnesota, 07828
Wolf Trap Farm Park for Performing Arts, 01495
Womem's Bureau leaflet, 08269
Women and work, 02790

Women by number of children ever born, 02867
Women in Coast Guard Reserve, 03001, 06326
Women in labor unions, 03541
Women, Uncle Sam wants you, 09446
Women workers today, 04766
Women's educational equity act, 07397, 07564
Women's footwear, Don Gustin Shoe Co., Inc., 03798
Women's Footwear, Fred Braun Workshops, Inc., 09639
Women's, misses, and junior's apparel, 00775
Wood decay in houses, how to prevent and control it, 07115
Wood machining abstracts, 1970 and 1971, 00418
Wood River resource area council of governments, resource conservation and development project plan, 08849
Woodcock status report, 00657, 11244
Wooday Owl, 10649
Wool and mohair, 10453, 11255
Wool program, 1972 marketing year report, 03843
Wool situation, 02791
Work incentive program, 09131
Work of impeachment inquiry staff as of Feb.5,1974, 08422
Work of impeachment inquiry staff as of Mar.1,1974, 08423
Work simplification handbook for analysts, 05996
Work stoppages, 02792
Workbook for determining your disaster loss, 03465
Working for Bureau of Outdoor Recreation, 03698
Working papers in alternative futures and environmental quality, 05339
Workmen's compensation payments and costs, 1972, 08207
Works of first all-Union school-seminar on hydroacoustics, 08672
Works on 4th all-Union seminar on statistical hydroacoustics, USSR study, 09403
Workshop on sample preparation techniques for organic pollutant analysis, 07784
World agricultural production and trade, statistical report, 02793
World agricultural situation, 05285
World environmental quality, challenge to international community, 03767
World epidemiology review, 02794
World food grain situation, 09214
World food security, global priority, 07406
World hunger, health, and refugee problems, 05165
World monetary conditions in relations to agricultural trade, 05286
World Ocean, 04543
World of opportunities for physicians, 08821
World of opportunities for physicians in programs of Public Health Service, 08819
World of opportunity, programs of Public Health Service, 10377
World oil development and U.S. oil import policies, 08254
World population conference, world population year, 05822
World Tourism Organization, 00964
World trade outlook for Asia, 03301
World trade outlook for Latin America and Africa, 03300
World trade outlook for Western Europe and Canada, 03299
Worldwide marine weather broadcasts, 08162
Woven fabric production weekly average, 04924
Woven wool and polyester/wool worsted fabics, workers of Martha Baun and Hannah Pickett plants, 00703
Woven velvet carpets, Framingham, Mass., plant of Roxbury Carpet Co., Chattanooga, Tenn., 09640
Wright Patman Dam and Lake, 06335
Writing improvement, guide for Air Force writing, 05975
Written statements submitted by interested organizations and individuals, 09132
WS series, 02050

X

X-ray equipment and supplies, medical, dental and veterinary, 01072
X-ray fluorescence spectrometer for air borne particulate monitoring, 01169
X-ray study of structure of cokes carbonized at different temperatures, 11070

Y

Yearbook of agriculture, 05015
Years for decision, longitudinal study of educational and labor market experience of young women, 11038
Yemen (Aden) [colored map], 02888
You and ACDA, 00734
You and your job, employee handbook, 05932
You and your passport, 11252
You can help fight hunger in America, food stamp handbook for volunteers, 00389
Young children and accidents in the home, 06104
Your exemptions and exemptions for dependents, 04528
Your Federal income tax, 04529
Your government conducts an election, for you on the job, information for voters in labor board elections, 05689
Your housing rights, don't get turned off or turned down, 04499
Your housing rights, live where you want to live, 10980
Your medicare handbook, 05798, 10423
Your medicare handbook, health insurance under social security, 07034
Your money's worth in food, 07117
Your personal affairs, 02840
Your retirement from the Army and Air National Guard., 05665
Your right to Indian welfare, 07310
Your social security, 01553
Your social security check, 05799
Your social security earnings record, 10422
Youth action programs in EPA, 10882
Youth and meaning of work, 09450
Youth, transition to adulthood, 04729
Youth travel abroad, what to know before you go, 09618

Z

Zeolites and associated authigenic silicate minerals in tuffaceous rocks of Big Sandy Formation, Mohave County, Ariz., 067070
Zero-gravity cloud physics laboratory, experiment program definition and preliminary laboratory concept studies, 102110
Zero-gravity venting of three refrigerants, 068860
Zumbro River basin, Minn., letter from chief of engineers, Army, submitting report, 043520
Zuni Indian Reservation, 04502